

SERVICE MANUAL



Outdoor unit	Indoor unit	
AOYG36LBLA5	ASYG07LUCA	ABYG14LVTA
AOYG45LBLA6	ASYG09LUCA	ABYG18LVTB
	ASYG12LUCA	AGYG09LVCA
	ASYG14LUCA	AGYG12LVCA
	ASYG07LMCA	AGYG14LVCA
	ASYG09LMCA	ARYG07LLTA
	ASYG12LMCA	ARYG09LLTA
	ASYG14LMCA	ARYG12LLTB
	ASYG07LMCE	ARYG14LLTB
	ASYG09LMCE	ARYG18LLTB
	ASYG12LMCE	ARYG07LSLAP
	ASYG14LMCE	ARYG09LSLAP
	ASYG18LFCA	ARYG12LSLAP
	ASYG24LFCA	ARYG14LSLAP
	ASYG24LFCC	ARYG18LSLAP
	AUYG07LVLA	
	AUYG09LVLA	
	AUYG12LVLB	
	AUYG14LVLB	
	AUYG18LVLB	
	UTG-UFYD-W	

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SPECIFICATIONS

Standard combination		AOYG36LBLA5 ASYG07LMCA x 4 + ASYG09LMCA x 1
Power supply		Single phase 230 Volts 50Hz
Cooling	Capacity	10,000 Watts
	Power consumption	2,440 Watts
	EER	4.10 W/W
	Current	10.6 Amperes
Heating	Capacity	12,000 Watts
	Power consumption	2,790 Watts
	COP	4.30 W/W
	Current	12.3 Amperes
Max operating current		20.6 Amperes

Standard combination		AOYG45LBLA6 ASYG07LMCA x 5 + ASYG09LMCA x 1
Power supply		Single phase 230 Volts 50Hz
Cooling	Capacity	12,500 Watts
	Power consumption	3,570 Watts
	EER	3.50 W/W
	Current	13.5 Amperes
Heating	Capacity	13,500 Watts
	Power consumption	3,370 Watts
	COP	4.00 W/W
	Current	14.9 Amperes
Max operating current		24.0 Amperes

OUTDOOR UNIT

FAN MOTOR AND FAN REVOLUTION

Model name	AOYG36LBLA5 AOYG45LBLA6
Discrimination	MFE-ZA2VA2N
Cooling	830 rpm
Heating	830 rpm

AIR CIRCULATION

Cooling	4,200 m ³ /h
Heating	4,200 m ³ /h

NOISE LEVEL

Cooling	52 dB
Heating	54 dB

COMPRESSOR

Type	Hermetic, 2-cylinder rotary compressor, Brushless DC motor, 6 poles
Discrimination	N-TF30VD1A
Weight (with oil)	16.2 kg

REFRIGERANT

Refrigerant type	R410A		
Precharged refrigerant	4,000 g		
Full charge	Total pipe length	50 m	4,000 g
		60 m	4,200 g
		70 m	4,400 g
		80 m	4,600 g
Additional charge	20 g/m		

MEASUREMENT

Dimensions	H x W x D	998 x 970 x 370 mm
Weight	Net / Shipping	94 kg / 104 kg (AOYG36LBLA5) 94 kg / 105 kg (AOYG45LBLA6)

MODEL NAME	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
DIMENSIONS H x W x D	282 x 870 x 185 mm			
WEIGHT Net / Shipping	9.5 kg / 12.0 kg			
FAN MOTOR	MFD-12TYL			

FAN REVOLUTION

Cooling	High	980 rpm	1,030 rpm	1,110 rpm	1,180 rpm
	Medium	910 rpm	950 rpm	1,030 rpm	1,080 rpm
	Low	850 rpm	850 rpm	930 rpm	980 rpm
	Quiet	650 rpm	650 rpm	650 rpm	740 rpm
Heating	High	980 rpm	1,030 rpm	1,110 rpm	1,180 rpm
	Medium	910 rpm	950 rpm	1,030 rpm	1,080 rpm
	Low	850 rpm	850 rpm	930 rpm	1,010 rpm
	Quiet	650 rpm	650 rpm	650 rpm	790 rpm

AIR FLOW

Cooling	High	570 m ³ /h	600 m ³ /h	660 m ³ /h	710 m ³ /h
	Medium	520 m ³ /h	550 m ³ /h	600 m ³ /h	640 m ³ /h
	Low	470 m ³ /h	470 m ³ /h	530 m ³ /h	570 m ³ /h
	Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	390 m ³ /h
Heating	High	570 m ³ /h	600 m ³ /h	660 m ³ /h	710 m ³ /h
	Medium	520 m ³ /h	550 m ³ /h	600 m ³ /h	640 m ³ /h
	Low	470 m ³ /h	470 m ³ /h	530 m ³ /h	590 m ³ /h
	Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	430 m ³ /h

NOISE LEVEL

Cooling	High	35 dB	36 dB	37 dB	41 dB
	Medium	30 dB	32 dB	34 dB	36 dB
	Low	28 dB	28 dB	31 dB	33 dB
	Quiet	21 dB	21 dB	21 dB	25 dB
Heating	High	35 dB	36 dB	37 dB	41 dB
	Medium	30 dB	32 dB	34 dB	36 dB
	Low	28 dB	28 dB	31 dB	34 dB
	Quiet	21 dB	21 dB	21 dB	27 dB

MODEL NAME	ASYG07LMCA	ASYG09LMCA	ASYG12LMCA	ASYG14LMCA
DIMENSIONS H x W x D	268 x 840 x 203 mm			
WEIGHT Net / Shipping	8.5 kg / 10.5 kg			
FAN MOTOR	MFD-12CYBL			

FAN REVOLUTION

Cooling	High	1,320 rpm	1,320 rpm	1,320 rpm	1,360 rpm
	Medium	1,160 rpm	1,160 rpm	1,160 rpm	1,220 rpm
	Low	930 rpm	930 rpm	930 rpm	990 rpm
	Quiet	680 rpm	680 rpm	680 rpm	750 rpm
Heating	High	1,320 rpm	1,320 rpm	1,320 rpm	1,360 rpm
	Medium	1,160 rpm	1,160 rpm	1,160 rpm	1,220 rpm
	Low	980 rpm	980 rpm	980 rpm	1,040 rpm
	Quiet	710 rpm	710 rpm	710 rpm	790 rpm

AIR FLOW

Cooling	High	560 m ³ /h	600 m ³ /h	660 m ³ /h	730 m ³ /h
	Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h	600 m ³ /h
	Low	430 m ³ /h	430 m ³ /h	450 m ³ /h	530 m ³ /h
	Quiet	310 m ³ /h	310 m ³ /h	310 m ³ /h	360 m ³ /h
Heating	High	560 m ³ /h	600 m ³ /h	660 m ³ /h	730 m ³ /h
	Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h	615 m ³ /h
	Low	430 m ³ /h	430 m ³ /h	470 m ³ /h	560 m ³ /h
	Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	375 m ³ /h

NOISE LEVEL

Cooling	High	36 dB	37 dB	40 dB	42 dB
	Medium	32 dB	33 dB	36 dB	38 dB
	Low	29 dB	29 dB	30 dB	33 dB
	Quiet	21 dB	21 dB	21 dB	25 dB
Heating	High	36 dB	37 dB	40 dB	42 dB
	Medium	32 dB	33 dB	36 dB	38 dB
	Low	29 dB	29 dB	31 dB	35 dB
	Quiet	22 dB	22 dB	22 dB	27 dB

MODEL NAME	ASYG07LMCE	ASYG09LMCE	ASYG12LMCE	ASYG14LMCE
DIMENSIONS H x W x D	270 x 870 x 204 mm			
WEIGHT Net / Shipping	8.5 kg / 11.0 kg			
FAN MOTOR	MFD-12CYBL			

FAN REVOLUTION

Cooling	High	1,320 rpm	1,320 rpm	1,320 rpm	1,360 rpm
	Medium	1,160 rpm	1,160 rpm	1,160 rpm	1,220 rpm
	Low	930 rpm	930 rpm	930 rpm	990 rpm
	Quiet	680 rpm	680 rpm	680 rpm	750 rpm
Heating	High	1,320 rpm	1,320 rpm	1,320 rpm	1,360 rpm
	Medium	1,160 rpm	1,160 rpm	1,160 rpm	1,220 rpm
	Low	980 rpm	980 rpm	980 rpm	1,040 rpm
	Quiet	710 rpm	710 rpm	710 rpm	790 rpm

AIR FLOW

Cooling	High	560 m ³ /h	600 m ³ /h	660 m ³ /h	730 m ³ /h
	Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h	600 m ³ /h
	Low	430 m ³ /h	430 m ³ /h	450 m ³ /h	530 m ³ /h
	Quiet	310 m ³ /h	310 m ³ /h	310 m ³ /h	360 m ³ /h
Heating	High	560 m ³ /h	600 m ³ /h	660 m ³ /h	730 m ³ /h
	Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h	615 m ³ /h
	Low	430 m ³ /h	430 m ³ /h	470 m ³ /h	560 m ³ /h
	Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	375 m ³ /h

NOISE LEVEL

Cooling	High	36 dB	37 dB	40 dB	42 dB
	Medium	32 dB	33 dB	36 dB	38 dB
	Low	29 dB	29 dB	30 dB	33 dB
	Quiet	21 dB	21 dB	21 dB	25 dB
Heating	High	36 dB	37 dB	40 dB	42 dB
	Medium	32 dB	33 dB	36 dB	38 dB
	Low	29 dB	29 dB	31 dB	35 dB
	Quiet	22 dB	22 dB	22 dB	27 dB

MODEL NAME	ASYG18LFCA	ASYG24LFCA	ASYG24LFCC
DIMENSIONS H x W x D	320 x 998 x 238 mm		
WEIGHT Net / Shipping	14 kg / 18 kg		
FAN MOTOR	MFD-50RON	MFD-71TXAN	

FAN REVOLUTION

Cooling	High	1,250 rpm	1,480 rpm	1,480 rpm
	Medium	1,020 rpm	1,220 rpm	1,220 rpm
	Low	900 rpm	1,020 rpm	1,020 rpm
	Quiet	770 rpm	900 rpm	860 rpm
Heating	High	1,250 rpm	1,430 rpm	1,480 rpm
	Medium	1,020 rpm	1,220 rpm	1,220 rpm
	Low	900 rpm	1,020 rpm	1,020 rpm
	Quiet	790 rpm	900 rpm	860 rpm

AIR FLOW

Cooling	High	900 m ³ /h	1,120 m ³ /h	1,120 m ³ /h
	Medium	740 m ³ /h	900 m ³ /h	900 m ³ /h
	Low	620 m ³ /h	740 m ³ /h	740 m ³ /h
	Quiet	550 m ³ /h	620 m ³ /h	620 m ³ /h
Heating	High	900 m ³ /h	1,100 m ³ /h	1,100 m ³ /h
	Medium	740 m ³ /h	900 m ³ /h	900 m ³ /h
	Low	620 m ³ /h	740 m ³ /h	740 m ³ /h
	Quiet	550 m ³ /h	620 m ³ /h	620 m ³ /h

NOISE LEVEL

Cooling	High	43 dB	49 dB	49 dB
	Medium	37 dB	42 dB	42 dB
	Low	33 dB	37 dB	37 dB
	Quiet	26 dB	33 dB	32 dB
Heating	High	42 dB	48 dB	48 dB
	Medium	37 dB	42 dB	42 dB
	Low	33 dB	37 dB	37 dB
	Quiet	25 dB	33 dB	32 dB

MODEL NAME	AUYG07LVLA	AUYG09LVLA	AUYG12LVLB	AUYG14LVLB	AUYG18LVLB
DIMENSIONS H x W x D	245 x 570 x 570 mm				
WEIGHT Net / Shipping	15 kg / 18 kg				
FAN MOTOR	MFF-24RVL				

MODEL NAME	UTG-UFYD-W
DIMENSIONS H x W x D	49 x 700 x 700
WEIGHT Net / Shipping	2.6 kg / 4.5 kg

FAN REVOLUTION

Cooling	High	590 rpm	590 rpm	660 rpm	730 rpm	790 rpm
	Medium	540 rpm	540 rpm	580 rpm	630 rpm	660 rpm
	Low	490 rpm	490 rpm	520 rpm	540 rpm	570 rpm
	Quiet	440 rpm	440 rpm	460 rpm	460 rpm	460 rpm
Heating	High	590 rpm	590 rpm	650 rpm	740 rpm	840 rpm
	Medium	540 rpm	540 rpm	580 rpm	670 rpm	750 rpm
	Low	490 rpm	490 rpm	520 rpm	600 rpm	650 rpm
	Quiet	440 rpm	440 rpm	460 rpm	480 rpm	500 rpm

AIR FLOW

Cooling	High	540 m ³ /h	540 m ³ /h	610 m ³ /h	680 m ³ /h	750 m ³ /h
	Medium	490 m ³ /h	490 m ³ /h	530 m ³ /h	580 m ³ /h	610 m ³ /h
	Low	440 m ³ /h	440 m ³ /h	470 m ³ /h	490 m ³ /h	520 m ³ /h
	Quiet	390 m ³ /h	390 m ³ /h	410 m ³ /h	410 m ³ /h	410 m ³ /h
Heating	High	540 m ³ /h	540 m ³ /h	610 m ³ /h	700 m ³ /h	800 m ³ /h
	Medium	490 m ³ /h	490 m ³ /h	530 m ³ /h	620 m ³ /h	710 m ³ /h
	Low	440 m ³ /h	440 m ³ /h	470 m ³ /h	550 m ³ /h	600 m ³ /h
	Quiet	390 m ³ /h	390 m ³ /h	410 m ³ /h	430 m ³ /h	450 m ³ /h

NOISE LEVEL

Cooling	High	33 dB	33 dB	37 dB	40 dB	42 dB
	Medium	31 dB	31 dB	33 dB	35 dB	37 dB
	Low	29 dB	29 dB	31 dB	32 dB	33 dB
	Quiet	27 dB	27 dB	28 dB	29 dB	29 dB
Heating	High	34 dB	34 dB	37 dB	40 dB	44 dB
	Medium	32 dB	32 dB	33 dB	37 dB	40 dB
	Low	29 dB	29 dB	31 dB	34 dB	37 dB
	Quiet	27 dB	27 dB	28 dB	29 dB	30 dB

MODEL NAME	ABYG14LVTA	ABYG18LVTB
DIMENSIONS H x W x D	199 x 990 x 655 mm	
WEIGHT Net / Shipping	27 kg / 36 kg	
FAN MOTOR	MFH-24RVL	

FAN REVOLUTION

Cooling	High	1,380 rpm	1,460 rpm
	Medium	1,300 rpm	1,360 rpm
	Low	1,220 rpm	1,260 rpm
	Quiet	1,140 rpm	1,180 rpm
Heating	High	1,380 rpm	1,460 rpm
	Medium	1,300 rpm	1,360 rpm
	Low	1,220 rpm	1,260 rpm
	Quiet	1,140 rpm	1,180 rpm

AIR FLOW

Cooling	High	640 m ³ /h	780 m ³ /h
	Medium	590 m ³ /h	700 m ³ /h
	Low	540 m ³ /h	560 m ³ /h
	Quiet	480 m ³ /h	500 m ³ /h
Heating	High	640 m ³ /h	780 m ³ /h
	Medium	590 m ³ /h	700 m ³ /h
	Low	540 m ³ /h	560 m ³ /h
	Quiet	480 m ³ /h	500 m ³ /h

NOISE LEVEL

Cooling	High	36 dB	41 dB
	Medium	34 dB	38 dB
	Low	33 dB	34 dB
	Quiet	29 dB	32 dB
Heating	High	36 dB	41 dB
	Medium	34 dB	38 dB
	Low	33 dB	34 dB
	Quiet	29 dB	32 dB

MODEL NAME	AGYG09LVCA	AGYG12LVCA	AGYG14LVCA
DIMENSIONS H x W x D	600 x 740 x 200 mm		
WEIGHT Net / Shipping	14 kg / 17 kg		
FAN MOTOR	MFD-14TXN (upper fan) / MFD-14SXN (lower fan)		

FAN REVOLUTION (upper / lower)

Cooling	High	1,120 / 950 rpm	1,240 / 1,050 rpm	1,330 / 1,120 rpm
	Medium	960 / 820 rpm	1,050 / 890 rpm	1,100 / 930 rpm
	Low	820 / 700 rpm	860 / 730 rpm	890 / 750 rpm
	Quiet	660 / 560 rpm	660 / 560 rpm	660 / 560 rpm
Heating	High	1,120 / 950 rpm	1,240 / 1,050 rpm	1,330 / 1,120 rpm
	Medium	1,000 / 850 rpm	1,080 / 920 rpm	1,140 / 970 rpm
	Low	860 / 730 rpm	910 / 770 rpm	940 / 800 rpm
	Quiet	660 / 560 rpm	660 / 560 rpm	660 / 560 rpm

AIR FLOW (2 fan)

Cooling	High	530 m ³ /h	600 m ³ /h	650 m ³ /h
	Medium	440 m ³ /h	490 m ³ /h	520 m ³ /h
	Low	360 m ³ /h	380 m ³ /h	400 m ³ /h
	Quiet	270 m ³ /h	270 m ³ /h	270 m ³ /h
Heating	High	530 m ³ /h	600 m ³ /h	650 m ³ /h
	Medium	460 m ³ /h	510 m ³ /h	540 m ³ /h
	Low	380 m ³ /h	410 m ³ /h	430 m ³ /h
	Quiet	270 m ³ /h	270 m ³ /h	270 m ³ /h

NOISE LEVEL (2 fan)

Cooling	High	39 dB	42 dB	44 dB
	Medium	34 dB	36 dB	38 dB
	Low	28 dB	30 dB	31 dB
	Quiet	22 dB	22 dB	22 dB
Heating	High	39 dB	42 dB	44 dB
	Medium	35 dB	38 dB	39 dB
	Low	30 dB	32 dB	33 dB
	Quiet	22 dB	22 dB	22 dB

MODEL NAME	ARYG07LLTA	ARYG09LLTA	ARYG12LLTB	ARYG14LLTB	ARYG18LLTB
DIMENSIONS H x W x D	198 x 700 x 620	198 x 700 x 620 mm			198 x 900 x 620
WEIGHT Net / Shipping	17 kg / 21 kg	19 kg / 23 kg			23 kg / 27 kg
FAN MOTOR	MFG-09WVL	MFG-14WVAL			MFG-24WVAL

FAN REVOLUTION

Cooling	High	1,160 rpm	1,260 rpm	1,340 rpm	1,560 rpm	1,380 rpm
	Medium	1,000 rpm	1,160 rpm	1,240 rpm	1,400 rpm	1,300 rpm
	Low	940 rpm	1,060 rpm	1,140 rpm	1,240 rpm	1,220 rpm
	Quiet	880 rpm	960 rpm	1,030 rpm	1,030 rpm	1,140 rpm
Heating	High	1,160 rpm	1,260 rpm	1,340 rpm	1,560 rpm	1,380 rpm
	Medium	1,000 rpm	1,160 rpm	1,240 rpm	1,400 rpm	1,300 rpm
	Low	940 rpm	1,060 rpm	1,140 rpm	1,240 rpm	1,220 rpm
	Quiet	880 rpm	960 rpm	1,030 rpm	1,030 rpm	1,140 rpm

AIR FLOW

Cooling	High	550 m ³ /h	600 m ³ /h	650 m ³ /h	800 m ³ /h	940 m ³ /h
	Medium	490 m ³ /h	550 m ³ /h	600 m ³ /h	700 m ³ /h	880 m ³ /h
	Low	470 m ³ /h	500 m ³ /h	550 m ³ /h	600 m ³ /h	820 m ³ /h
	Quiet	440 m ³ /h	450 m ³ /h	480 m ³ /h	480 m ³ /h	750 m ³ /h
Heating	High	550 m ³ /h	600 m ³ /h	650 m ³ /h	800 m ³ /h	940 m ³ /h
	Medium	490 m ³ /h	550 m ³ /h	600 m ³ /h	700 m ³ /h	880 m ³ /h
	Low	470 m ³ /h	500 m ³ /h	550 m ³ /h	600 m ³ /h	820 m ³ /h
	Quiet	440 m ³ /h	450 m ³ /h	480 m ³ /h	480 m ³ /h	750 m ³ /h

NOISE LEVEL

Cooling	High	28 dB	28 dB	29 dB	32 dB	32 dB
	Medium	26 dB	27 dB	28 dB	30 dB	31 dB
	Low	25 dB	26 dB	27 dB	28 dB	30 dB
	Quiet	24 dB	25 dB	26 dB	26 dB	29 dB
Heating	High	28 dB	28 dB	29 dB	33 dB	33 dB
	Medium	26 dB	26 dB	28 dB	30 dB	32 dB
	Low	25 dB	25 dB	27 dB	28 dB	31 dB
	Quiet	24 dB	24 dB	24 dB	25 dB	29 dB

MODEL NAME	ARYG07LSLAP	ARYG09LSLAP	ARYG12LSLAP	ARYG14LSLAP	ARYG18LSLAP
DIMENSIONS H x W x D	198 x 700 x 450 mm				198 x 900 x 450
WEIGHT Net / Shipping	15.5 kg / 19.5 kg				18.5 kg / 23 kg
FAN MOTOR	MFG-X75VA2F				MFG-X80VA2F

FAN REVOLUTION

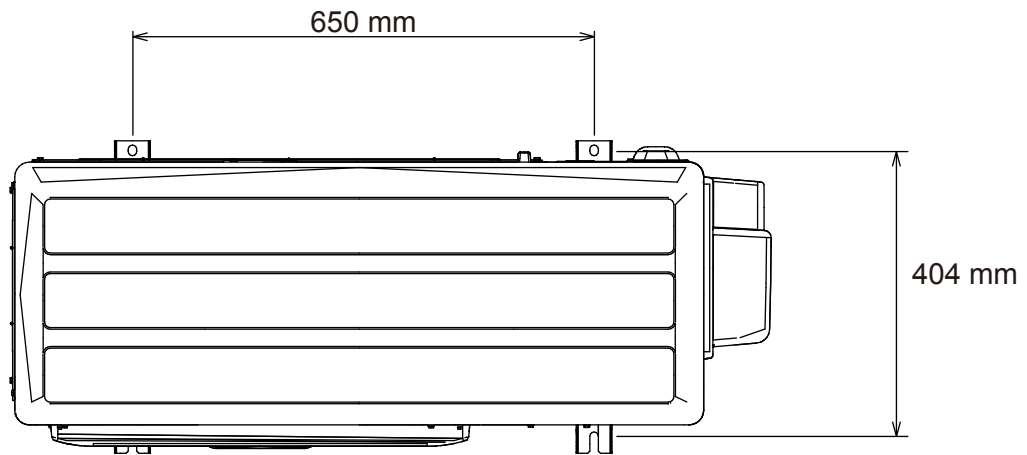
Cooling	High	1,100 rpm	1,170 rpm	1,240 rpm	1,300 rpm	1,290 rpm
	Medium	890 rpm	890 rpm	960 rpm	1,220 rpm	1,060 rpm
	Low	810 rpm	810 rpm	850 rpm	1,030 rpm	800 rpm
	Quiet	750 rpm	750 rpm	730 rpm	730 rpm	730 rpm
Heating	High	1,100 rpm	1,170 rpm	1,240 rpm	1,300 rpm	1,290 rpm
	Medium	890 rpm	890 rpm	960 rpm	1,220 rpm	1,060 rpm
	Low	810 rpm	810 rpm	850 rpm	1,030 rpm	800 rpm
	Quiet	750 rpm	750 rpm	730 rpm	730 rpm	730 rpm

AIR FLOW

Cooling	High	550 m ³ /h	600 m ³ /h	650 m ³ /h	800 m ³ /h	940 m ³ /h
	Medium	440 m ³ /h	450 m ³ /h	490 m ³ /h	640 m ³ /h	750 m ³ /h
	Low	390 m ³ /h	400 m ³ /h	430 m ³ /h	530 m ³ /h	540 m ³ /h
	Quiet	360 m ³ /h	360 m ³ /h	360 m ³ /h	360 m ³ /h	480 m ³ /h
Heating	High	550 m ³ /h	600 m ³ /h	650 m ³ /h	800 m ³ /h	940 m ³ /h
	Medium	440 m ³ /h	450 m ³ /h	490 m ³ /h	640 m ³ /h	750 m ³ /h
	Low	390 m ³ /h	400 m ³ /h	430 m ³ /h	530 m ³ /h	540 m ³ /h
	Quiet	360 m ³ /h	360 m ³ /h	360 m ³ /h	360 m ³ /h	480 m ³ /h

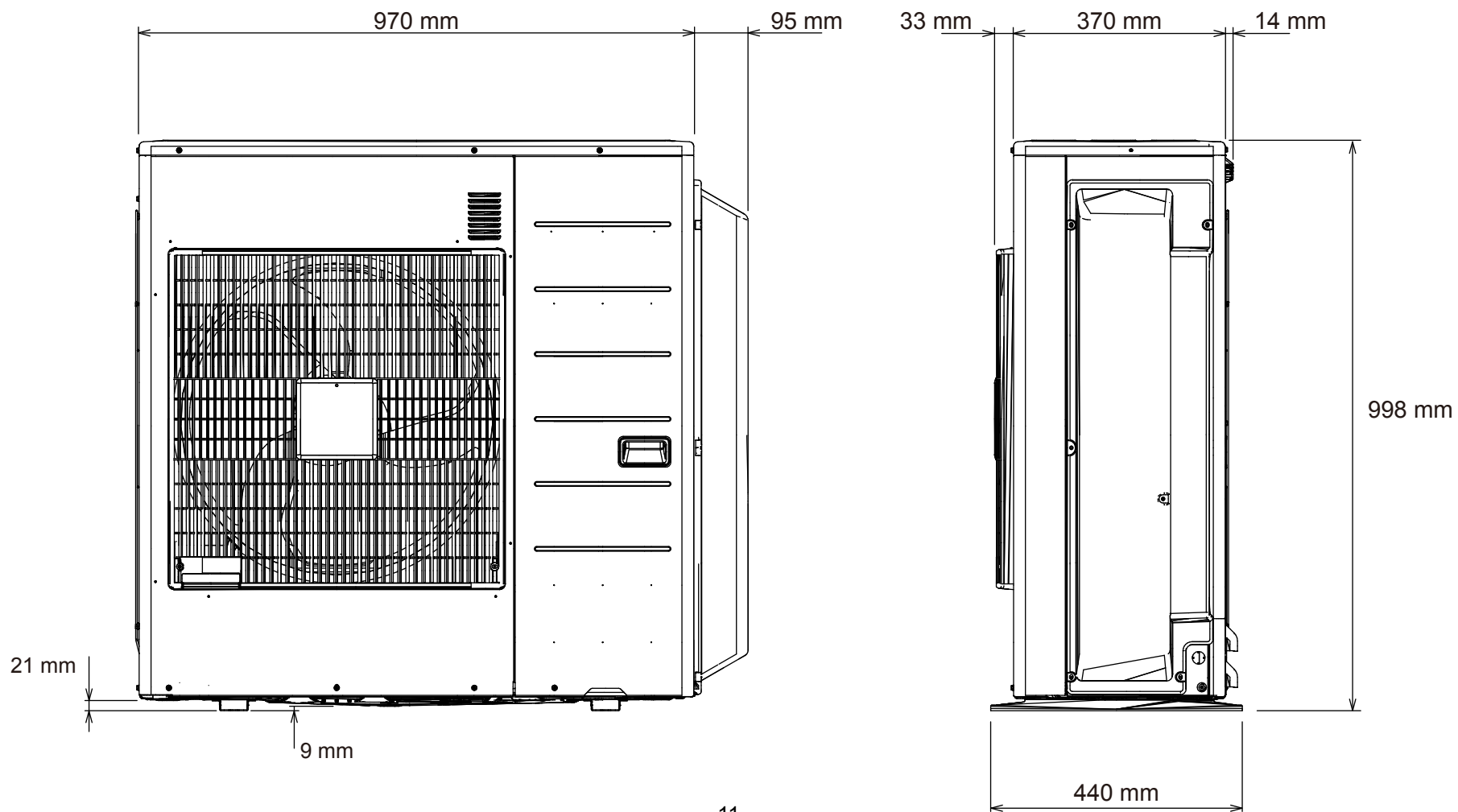
NOISE LEVEL

Cooling	High	29 dB	29 dB	31 dB	35 dB	33 dB
	Medium	26 dB	26 dB	27 dB	30 dB	29 dB
	Low	24 dB	24 dB	25 dB	27 dB	26 dB
	Quiet	23 dB	23 dB	23 dB	23 dB	23 dB
Heating	High	29 dB	29 dB	31 dB	35 dB	33 dB
	Medium	26 dB	26 dB	27 dB	30 dB	29 dB
	Low	24 dB	24 dB	25 dB	27 dB	26 dB
	Quiet	23 dB	23 dB	23 dB	23 dB	23 dB

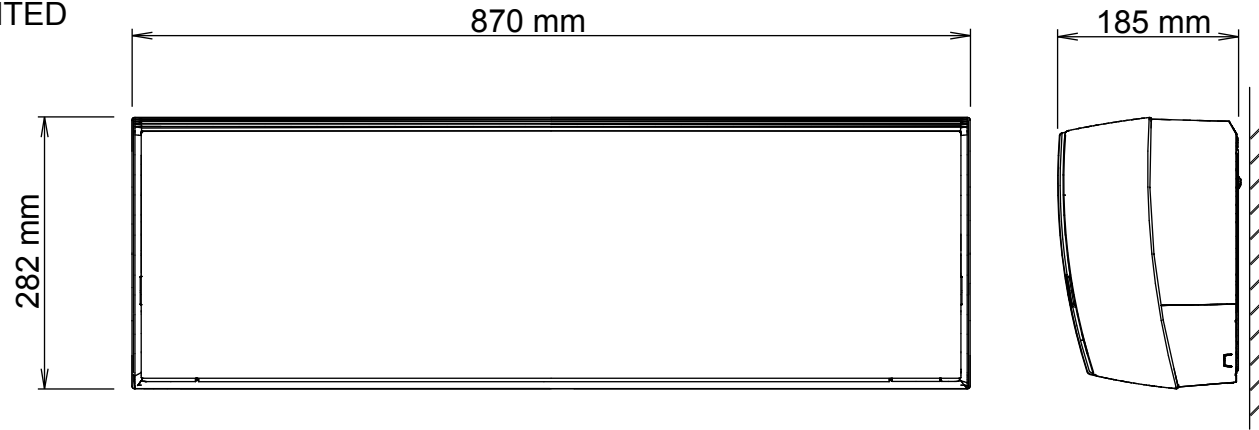


DIMENSIONS

OUTDOOR UNIT
AOYG36LBLA5
AOYG45LBLA6

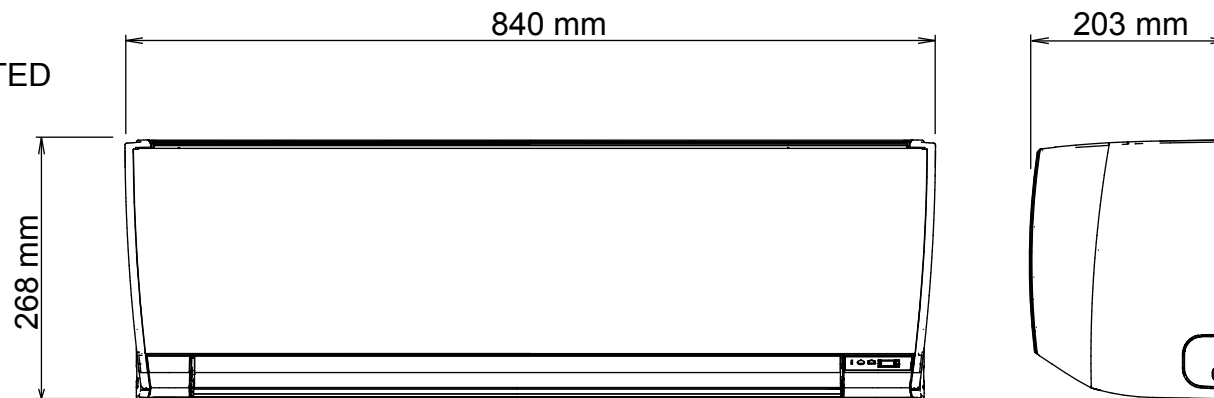


INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

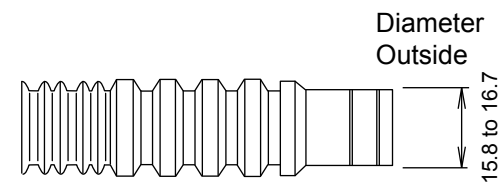
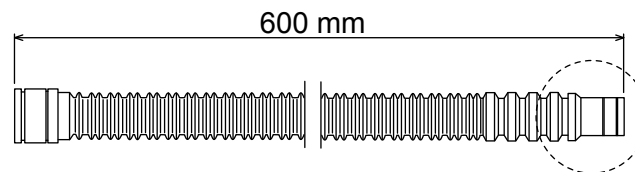


Drain hose length : 600 mm

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA

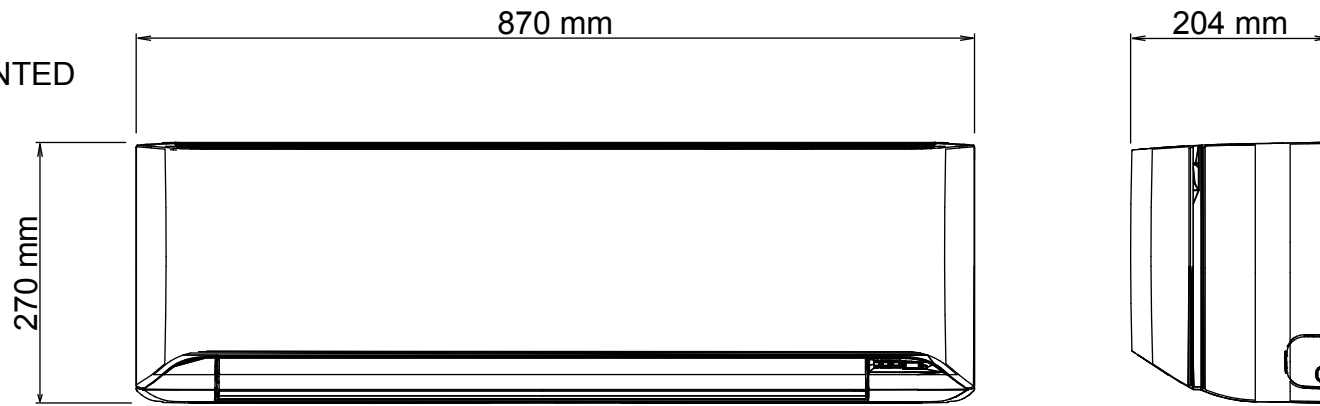


Drain hose

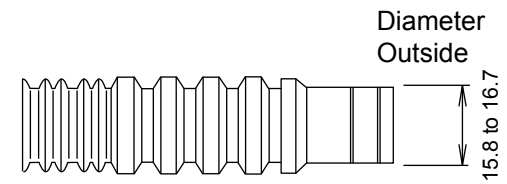
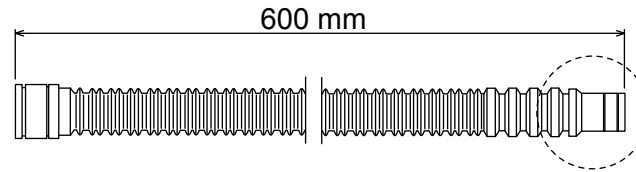


Inside : 13.8 mm

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE

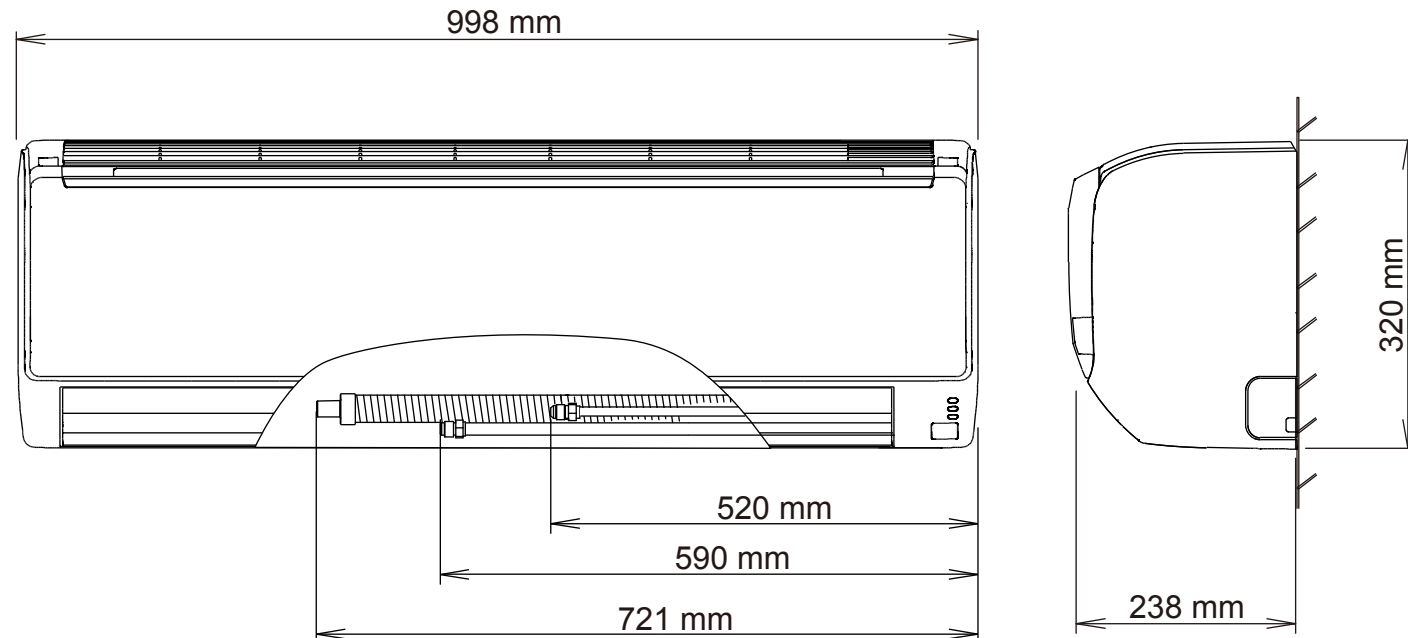


Drain hose

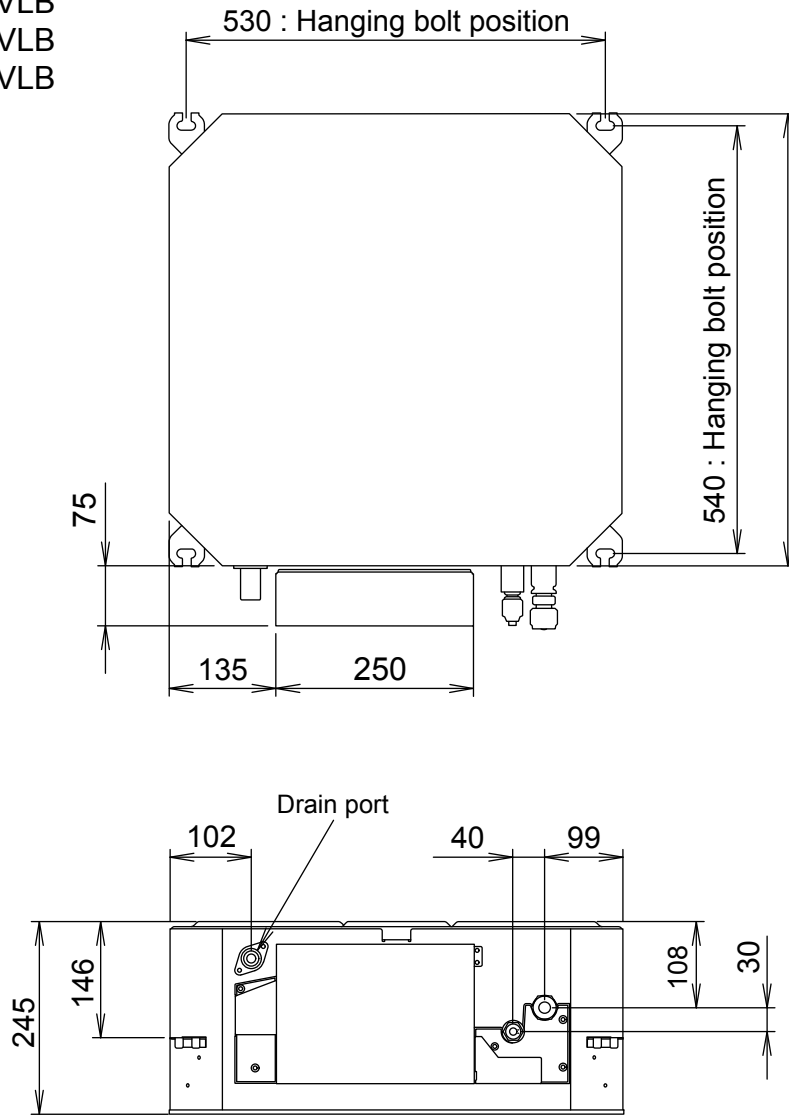


Inside : 13.8 mm

INDOOR UNIT
 WALL MOUNTED
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC

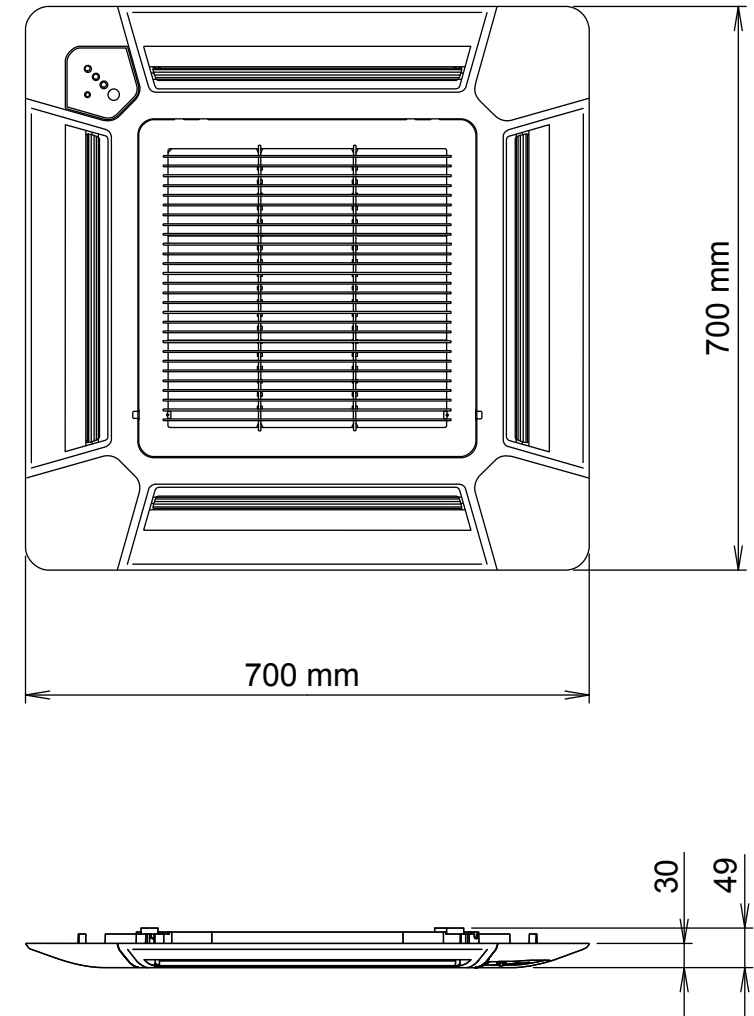


INDOOR UNIT
 COMPACT CASSETTE
 AUYG07LVLA
 AUYG09LVLA
 AUYG12LVLB
 AUYG14LVLB
 AUYG18LVLB

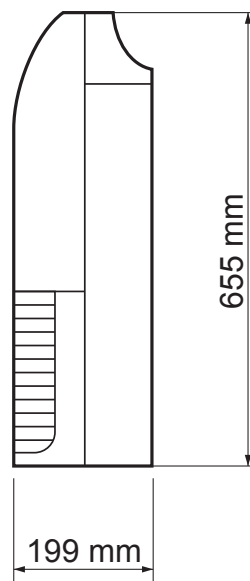
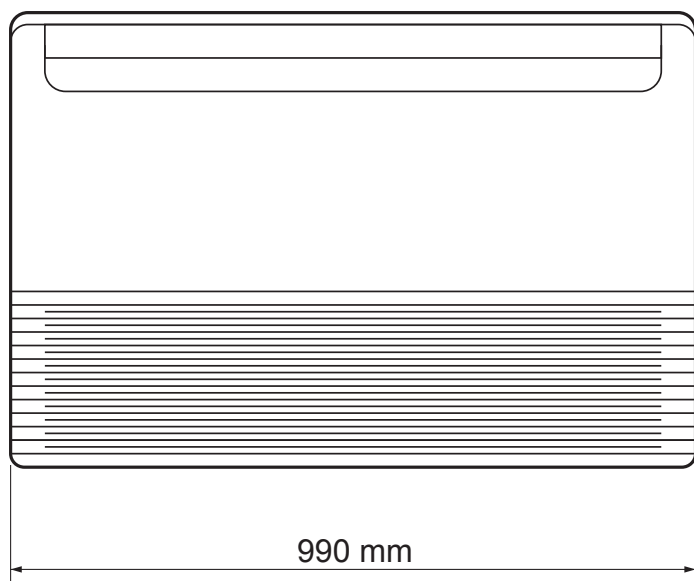


Drain hose length : 210 mm

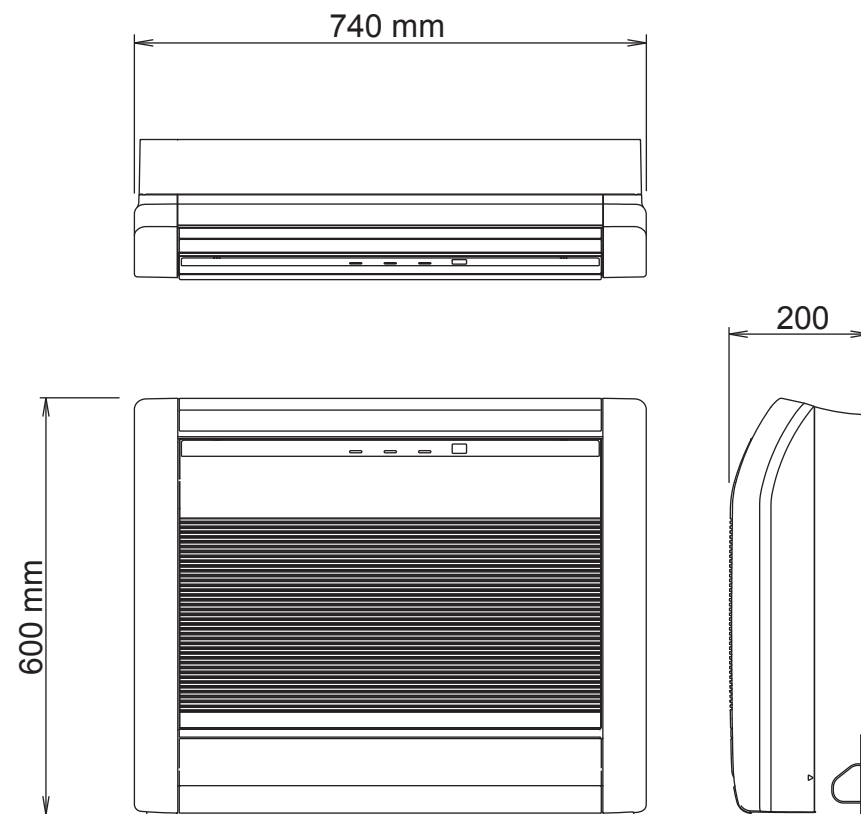
DECORATION PANEL
 UTG-UFYD-W

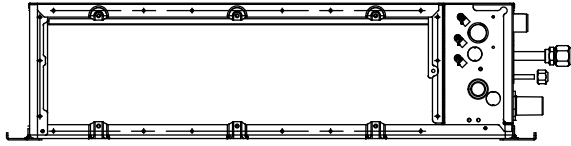


INDOOR UNIT
FLOOR / CEILING
ABYG14LVTA
ABYG18LVTA
ABYG18LVTB

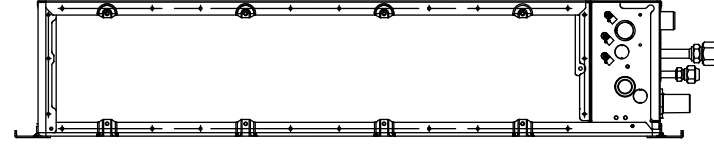


INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA
AGYG14LVCA

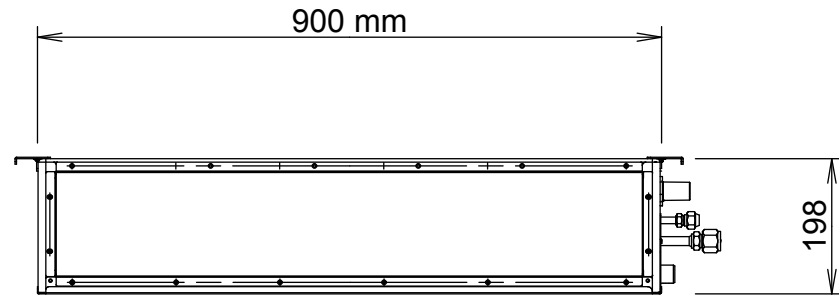
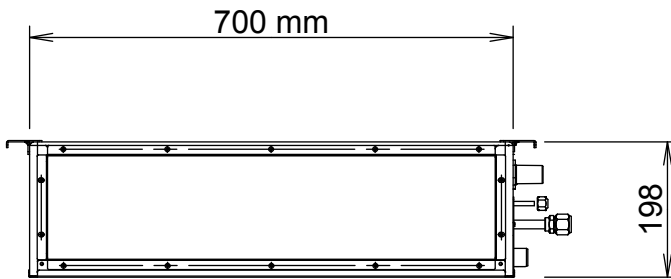
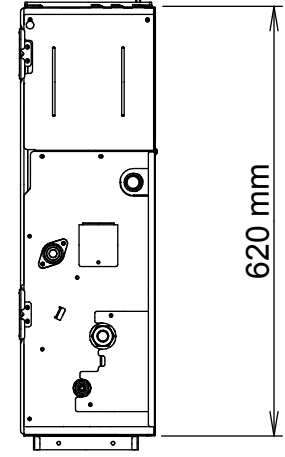
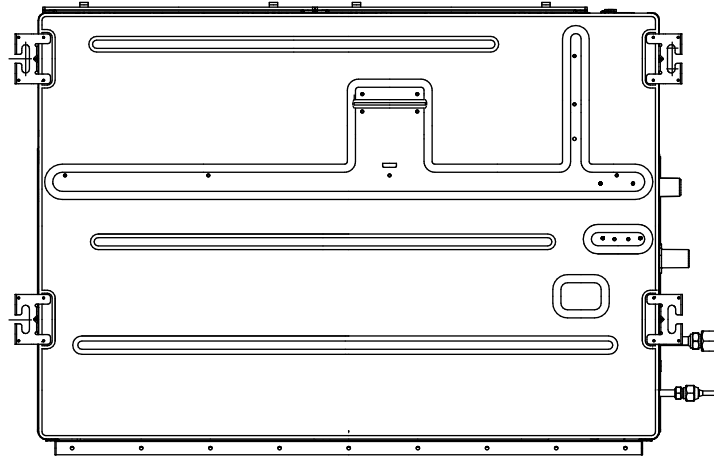
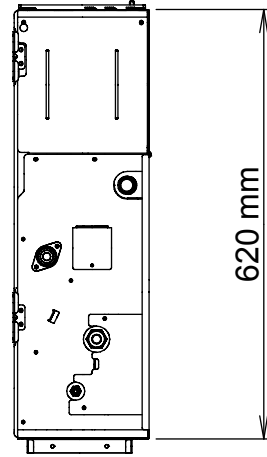
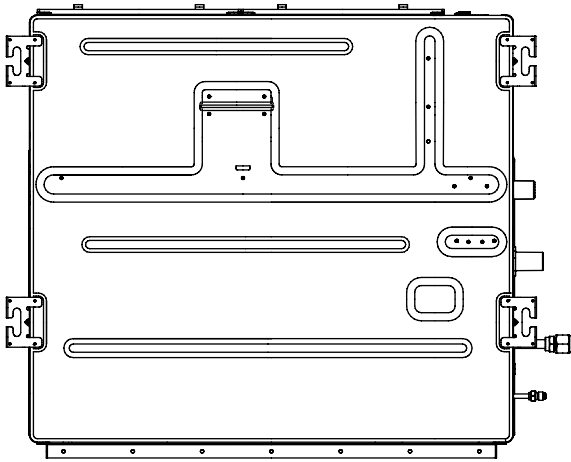


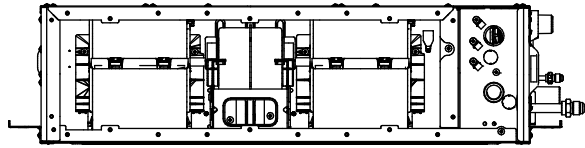


INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTB
ARYG14LLTB
(Serial number : R)

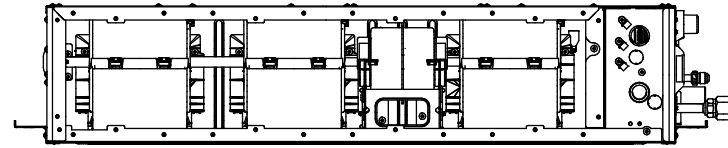


INDOOR UNIT
SLIM DUCT
ARYG18LLTB
(Serial number : R)

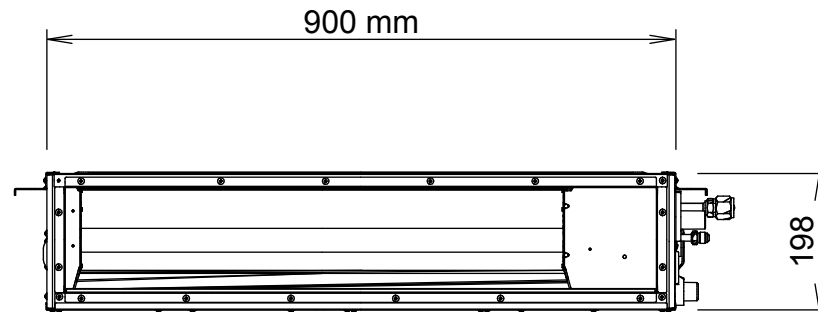
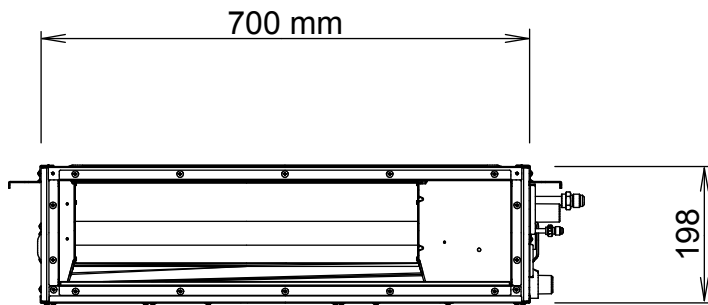
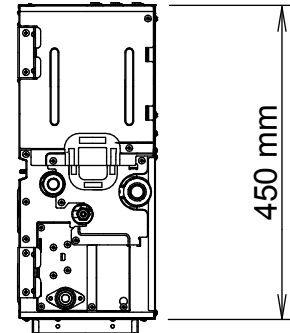
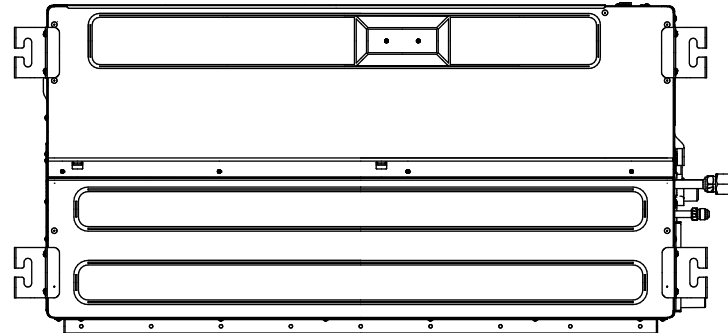
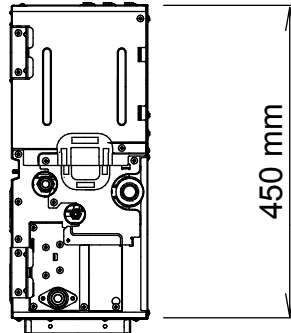
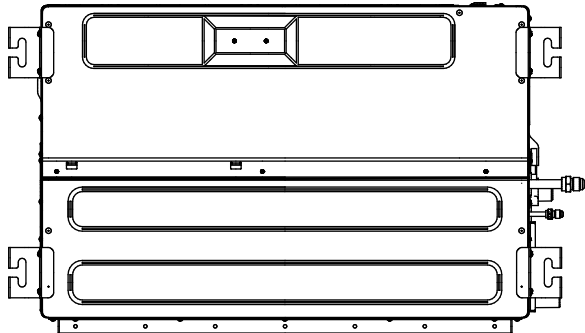




INDOOR UNIT
MINI DUCT
ARYG07LSLAP
ARYG09LSLAP
ARYG12LSLAP
ARYG14LSLAP



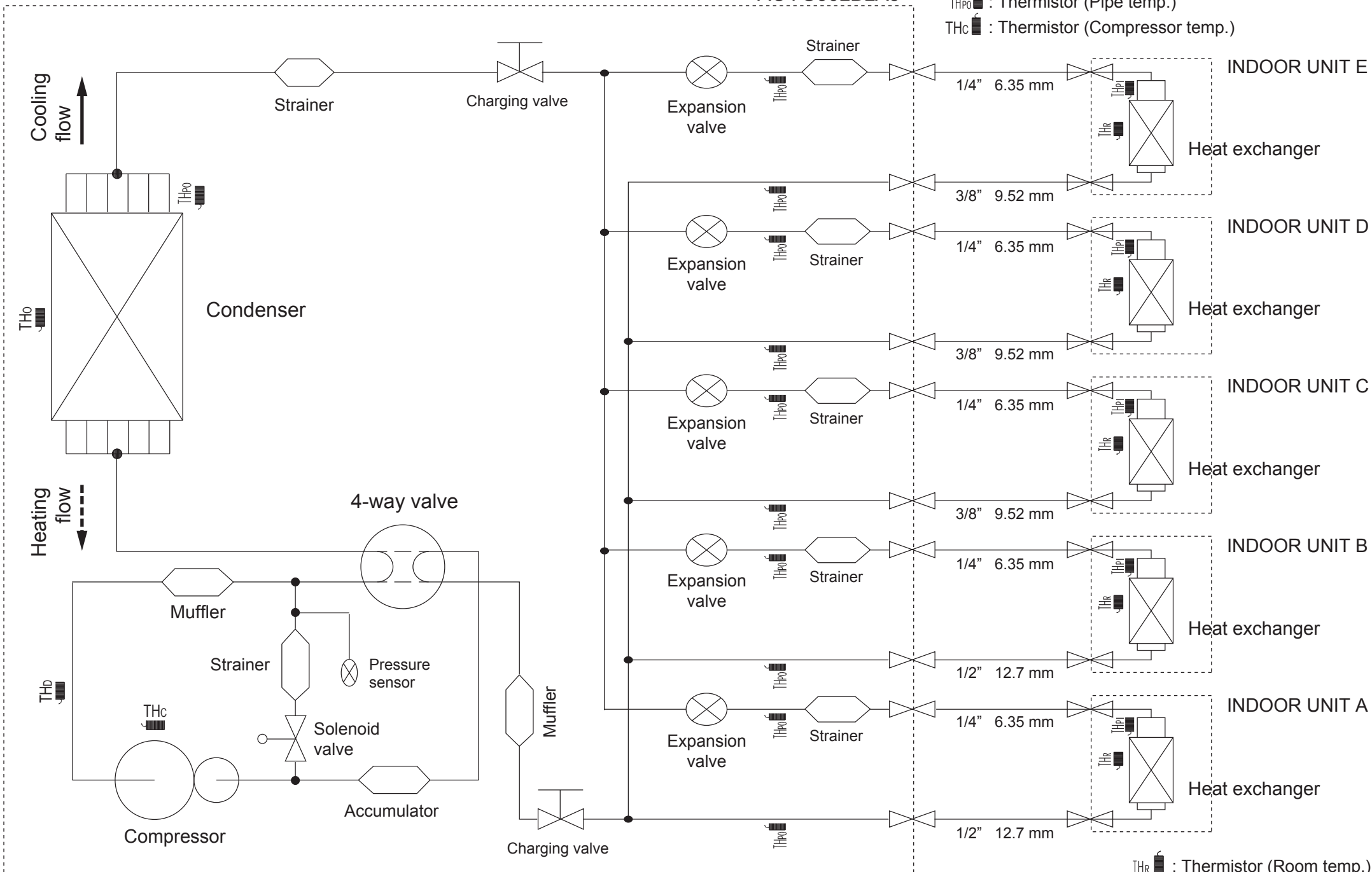
INDOOR UNIT
MINI DUCT
ARYG18LSLAP



REFRIGERANT SYSTEM DIAGRAM

OUTDOOR UNIT
AOYG36LBLA5

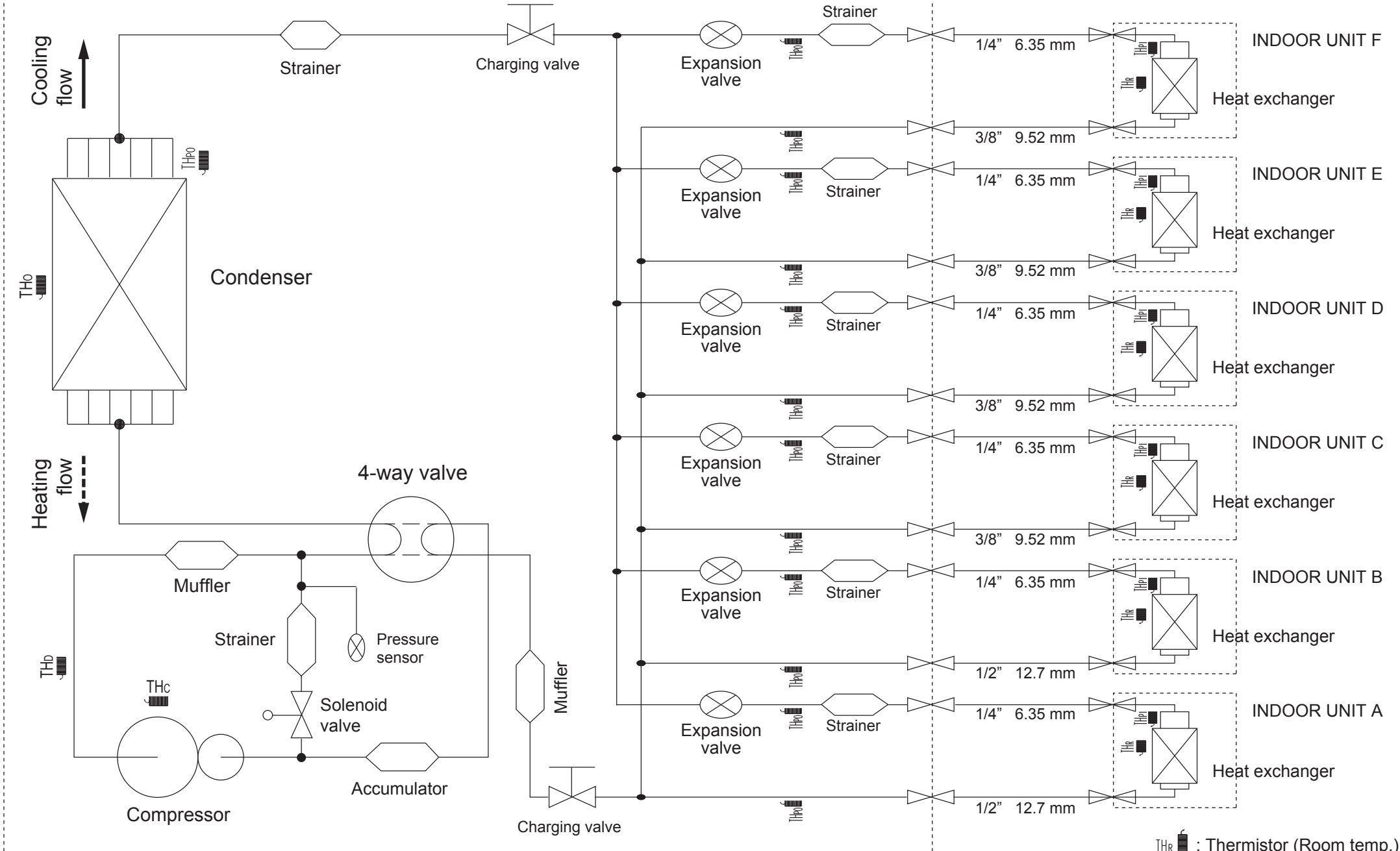
- THd : Thermistor (Discharge temp.)
- THo : Thermistor (Outdoor temp.)
- THpo : Thermistor (Pipe temp.)
- THc : Thermistor (Compressor temp.)



- THr : Thermistor (Room temp.)
- THpi : Thermistor (Pipe temp.)

**OUTDOOR UNIT
AOYG45LBLA6**

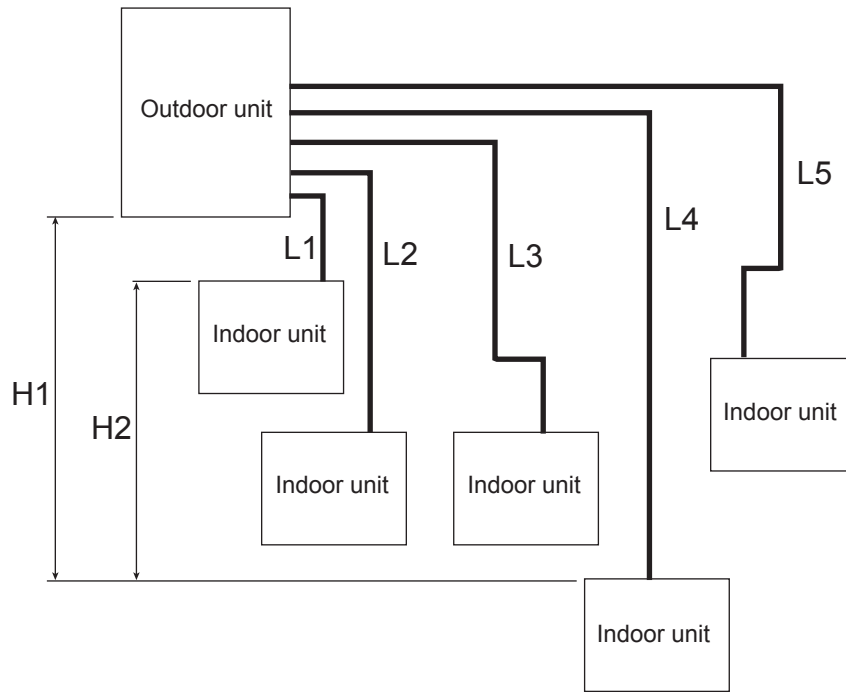
- TH_d : Thermistor (Discharge temp.)
- TH_o : Thermistor (Outdoor temp.)
- TH_{po} : Thermistor (Pipe temp.)
- TH_c : Thermistor (Compressor temp.)



- TH_r : Thermistor (Room temp.)
- TH_{pi} : Thermistor (Pipe temp.)

LIMITATION OF PIPE CONNECTION

AOYG36LBLA5



Maximum length of total pipe
 $L1 + L2 + L3 + L4 + L5 = 80\text{m}$

Minimum length of total pipe
 $L1 + L2 = 15\text{m}$

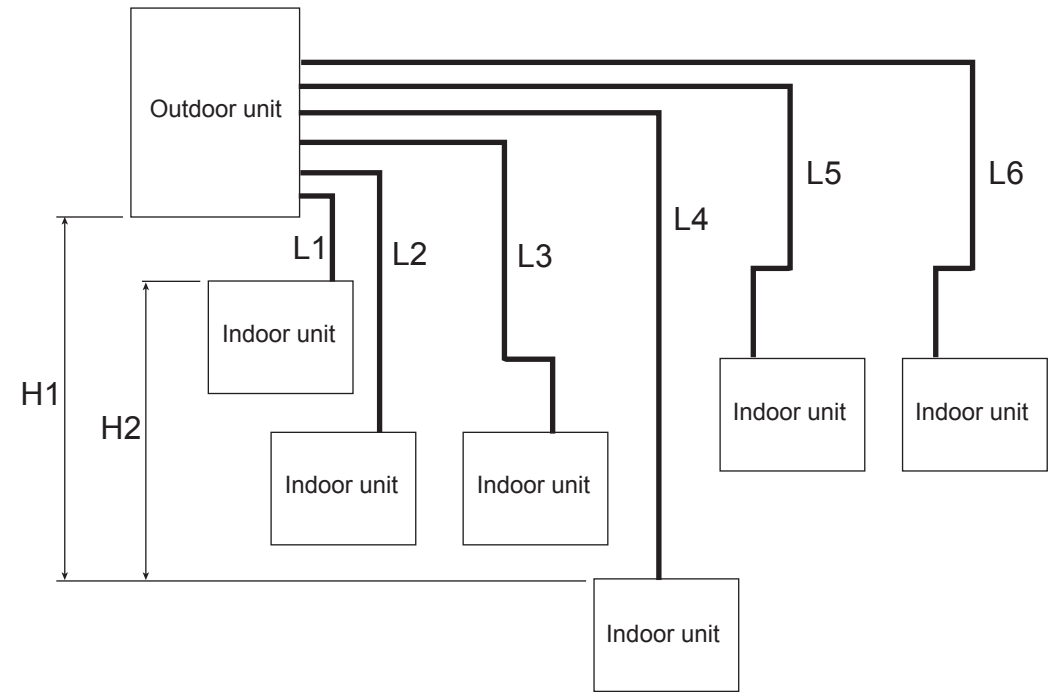
Maximum length between outdoor unit and indoor unit
 $L1 = 25\text{m}$ $L2 = 25\text{m}$ $L3 = 25\text{m}$ $L4 = 25\text{m}$ $L5 = 25\text{m}$

Minimum length between outdoor unit and indoor unit
 $L1 = 5\text{m}$ $L2 = 5\text{m}$ $L3 = 5\text{m}$ $L4 = 5\text{m}$ $L5 = 5\text{m}$

Maximum height difference between indoor and outdoor units
 $H1 = 15\text{m}$

Maximum height difference between indoor units
 $H2 = 10\text{m}$

AOYG45LBLA6



Maximum length of total pipe
 $L1 + L2 + L3 + L4 + L5 + L6 = 80\text{m}$

Minimum length of total pipe
 $L1 + L2 = 15\text{m}$

Maximum length between outdoor unit and indoor unit
 $L1 = 25\text{m}$ $L2 = 25\text{m}$ $L3 = 25\text{m}$ $L4 = 25\text{m}$ $L5 = 25\text{m}$ $L6 = 25\text{m}$

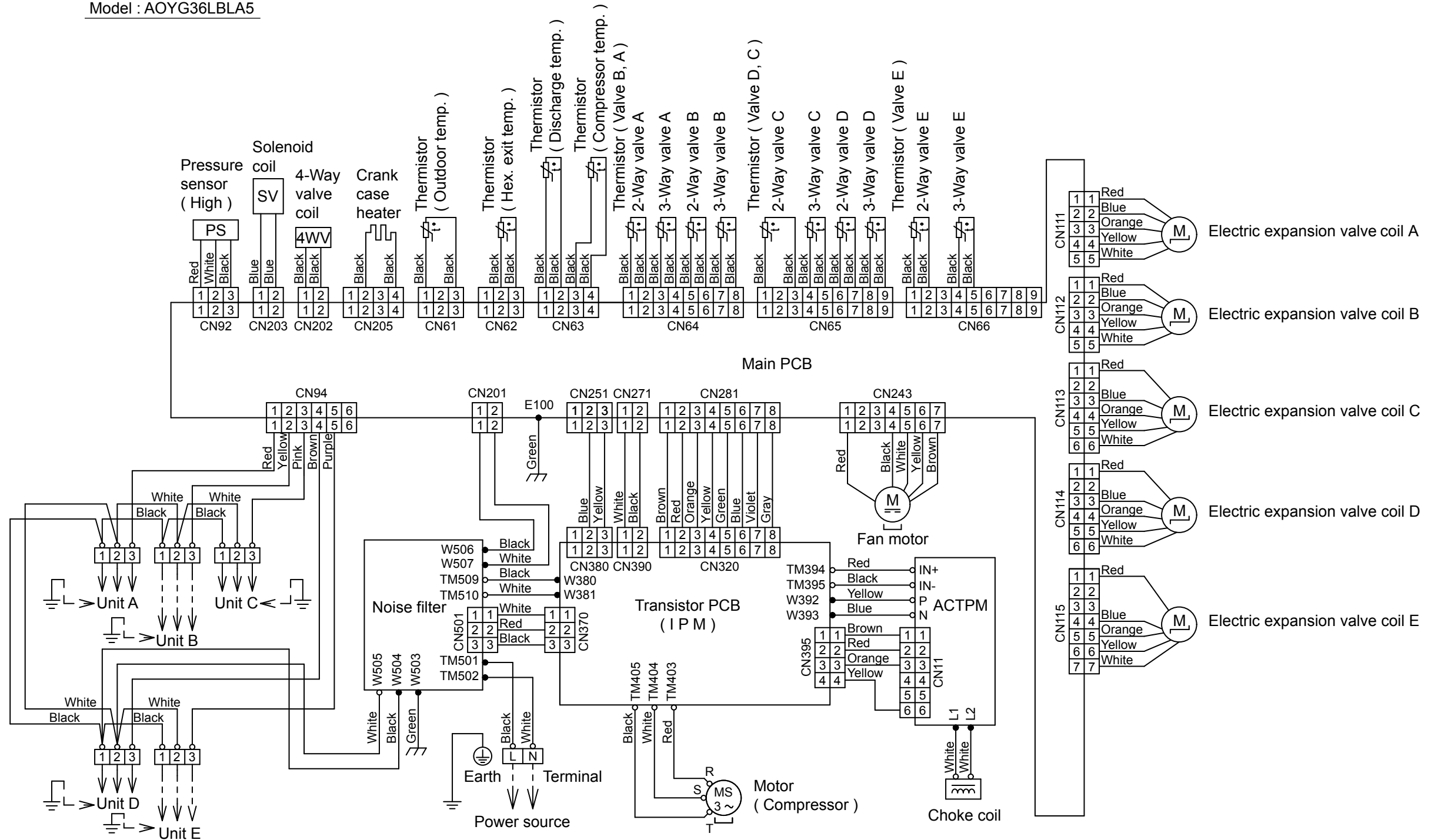
Minimum length between outdoor unit and indoor unit
 $L1 = 5\text{m}$ $L2 = 5\text{m}$ $L3 = 5\text{m}$ $L4 = 5\text{m}$ $L5 = 5\text{m}$ $L6 = 5\text{m}$

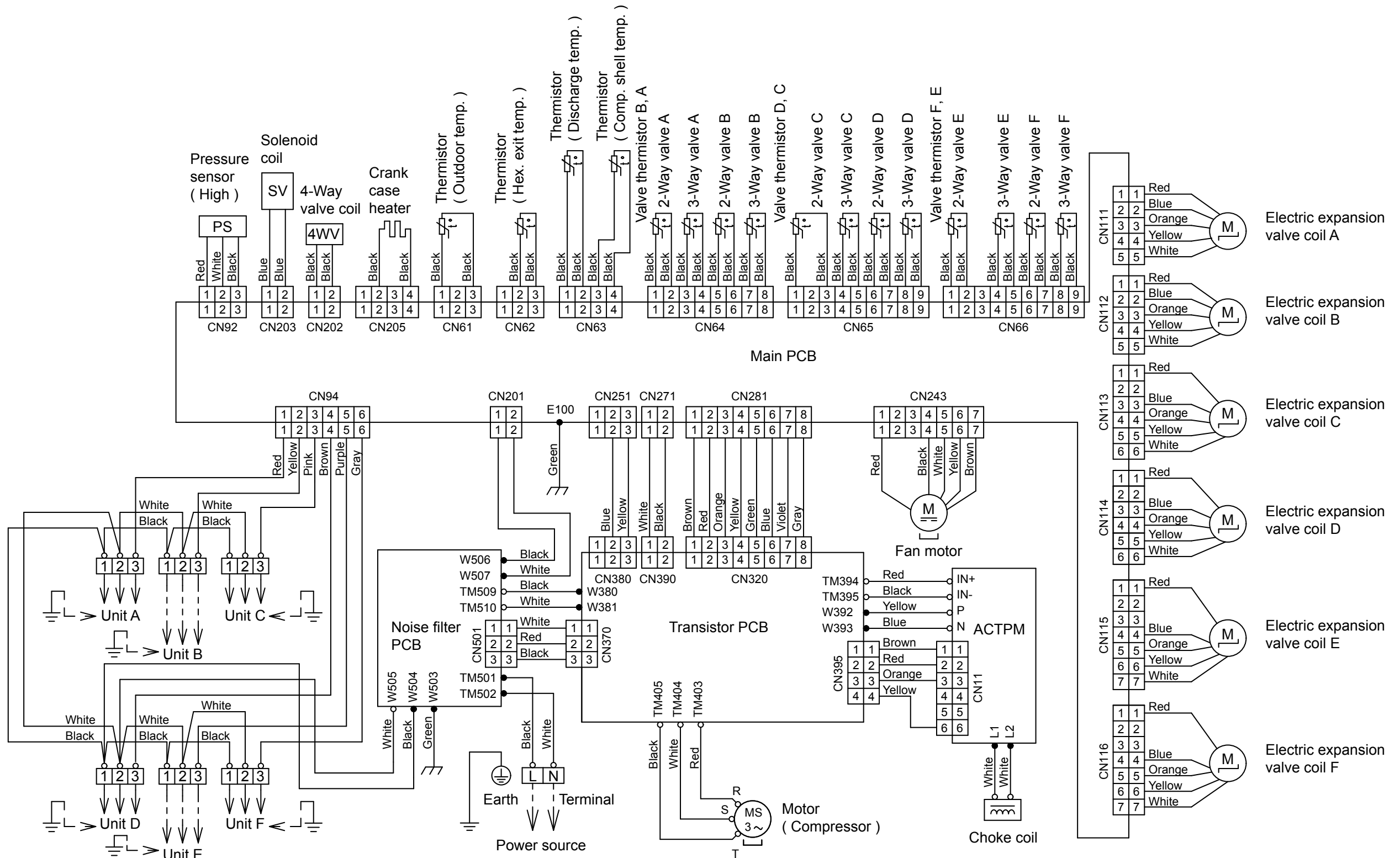
Maximum height difference between indoor and outdoor units
 $H1 = 15\text{m}$

Maximum height difference between indoor units
 $H2 = 10\text{m}$

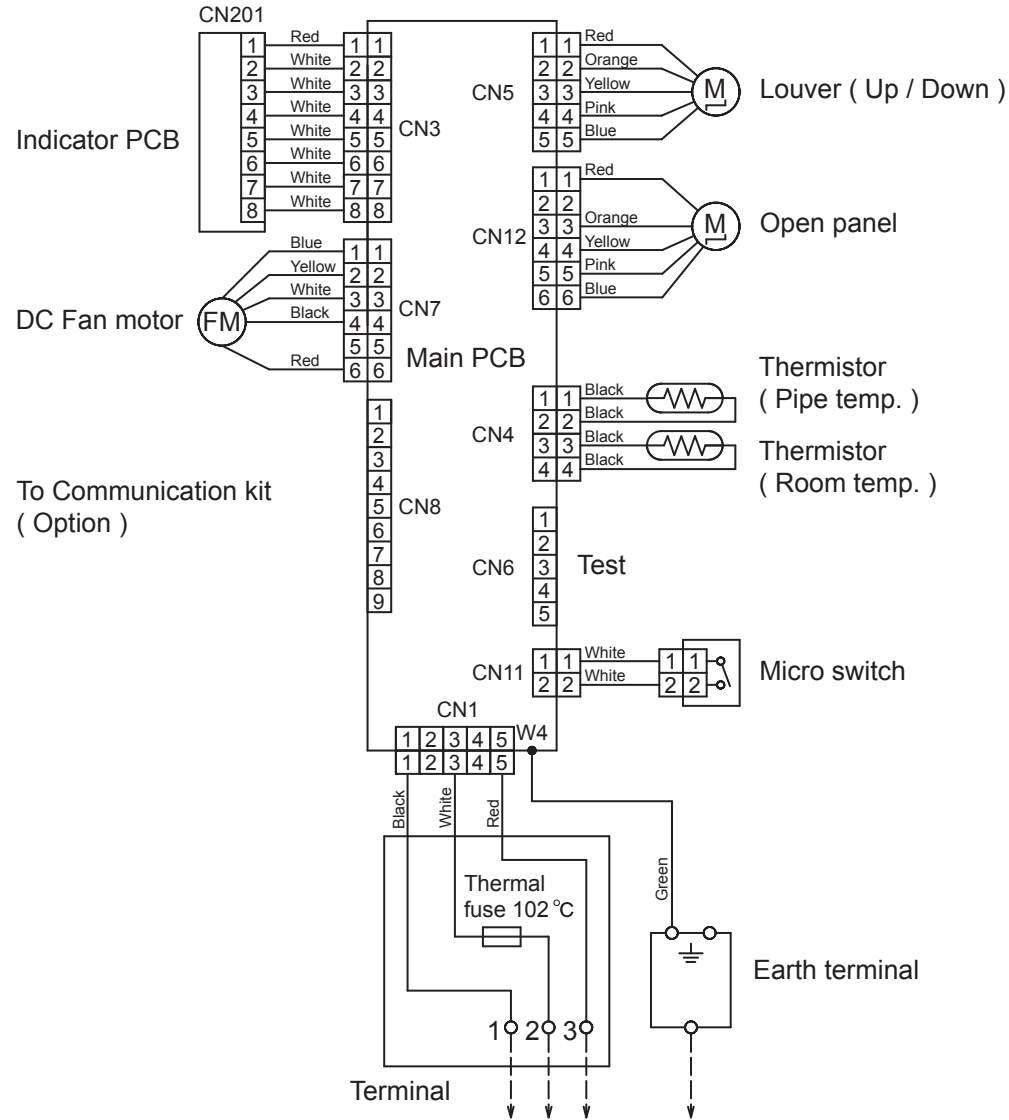
CIRCUIT DIAGRAM

Model : AOYG36LBA5

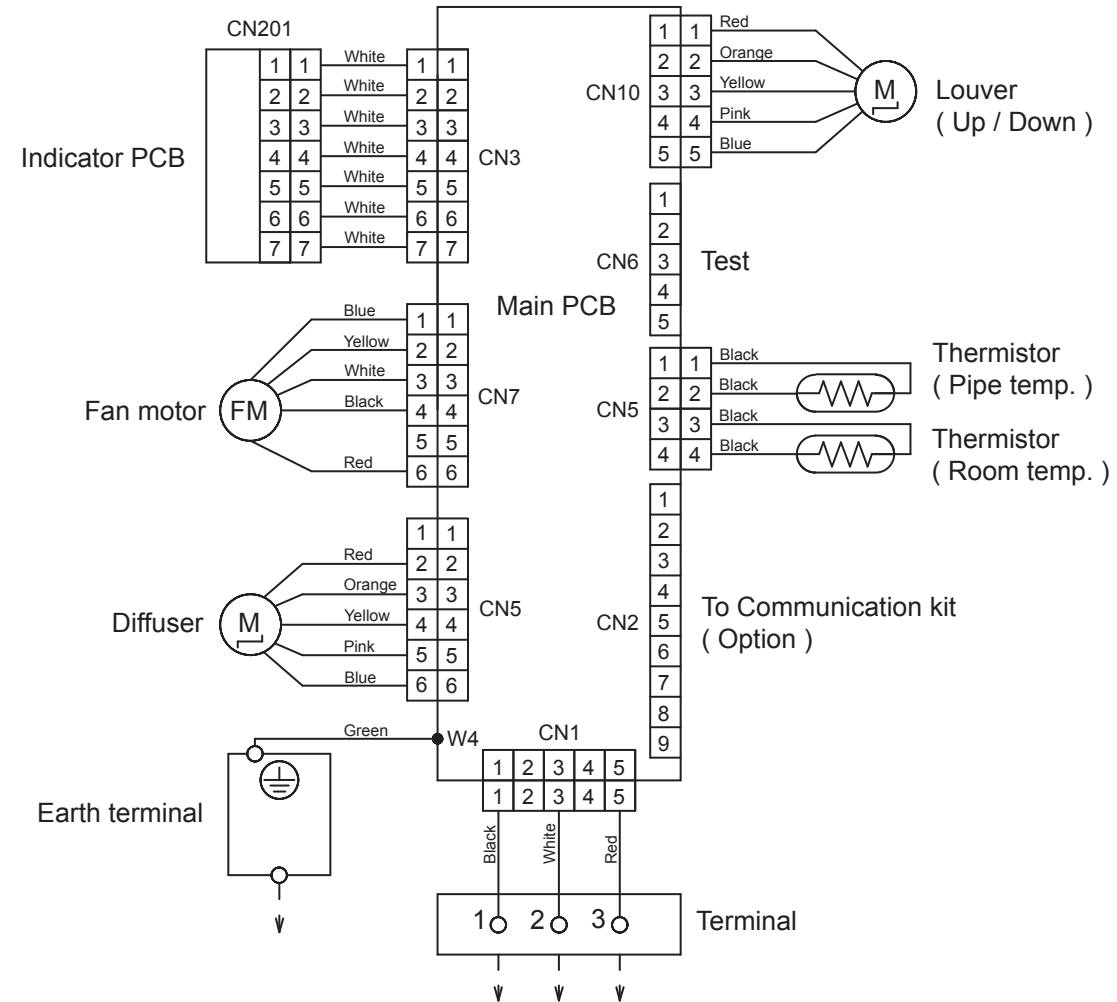




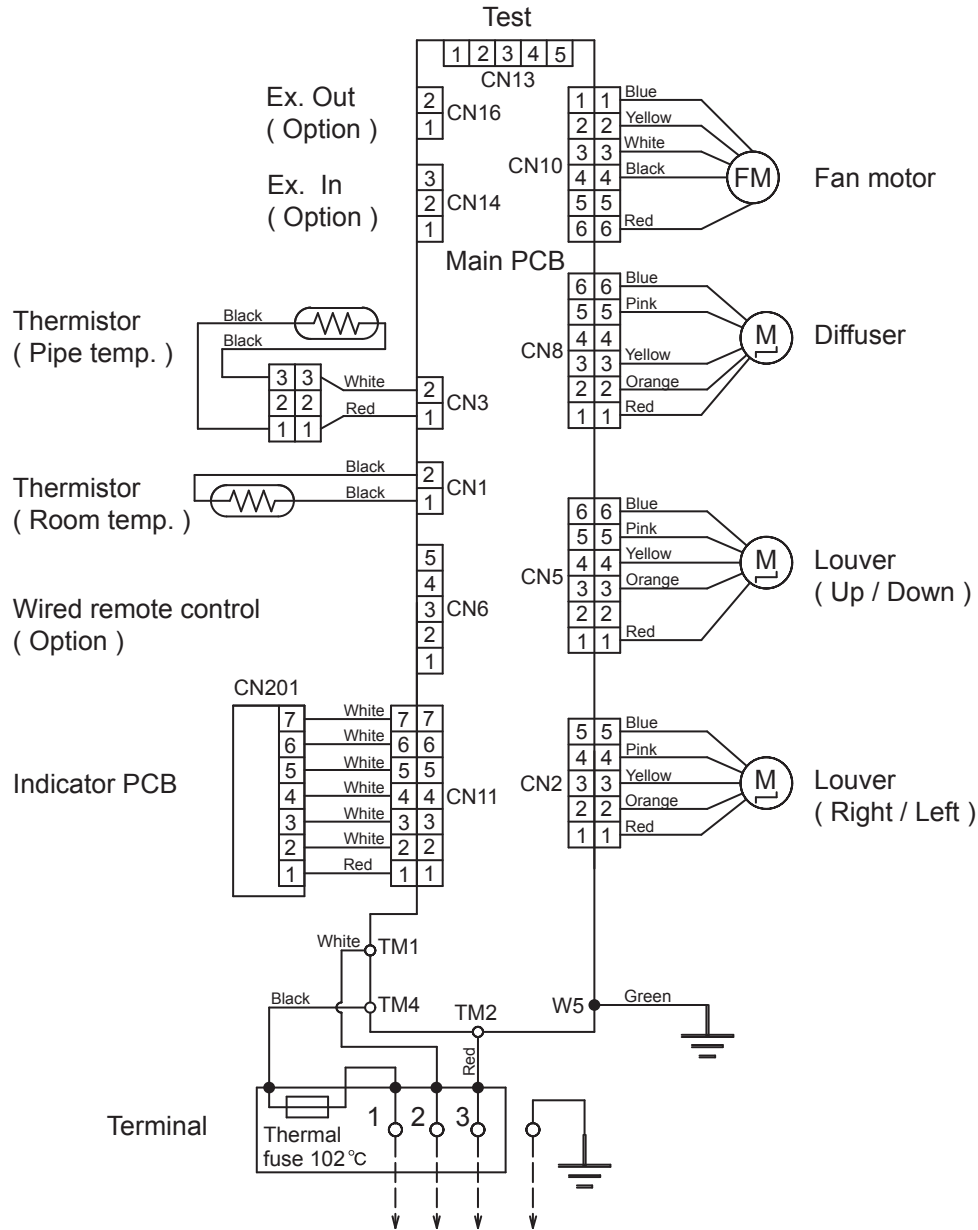
Models : ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA



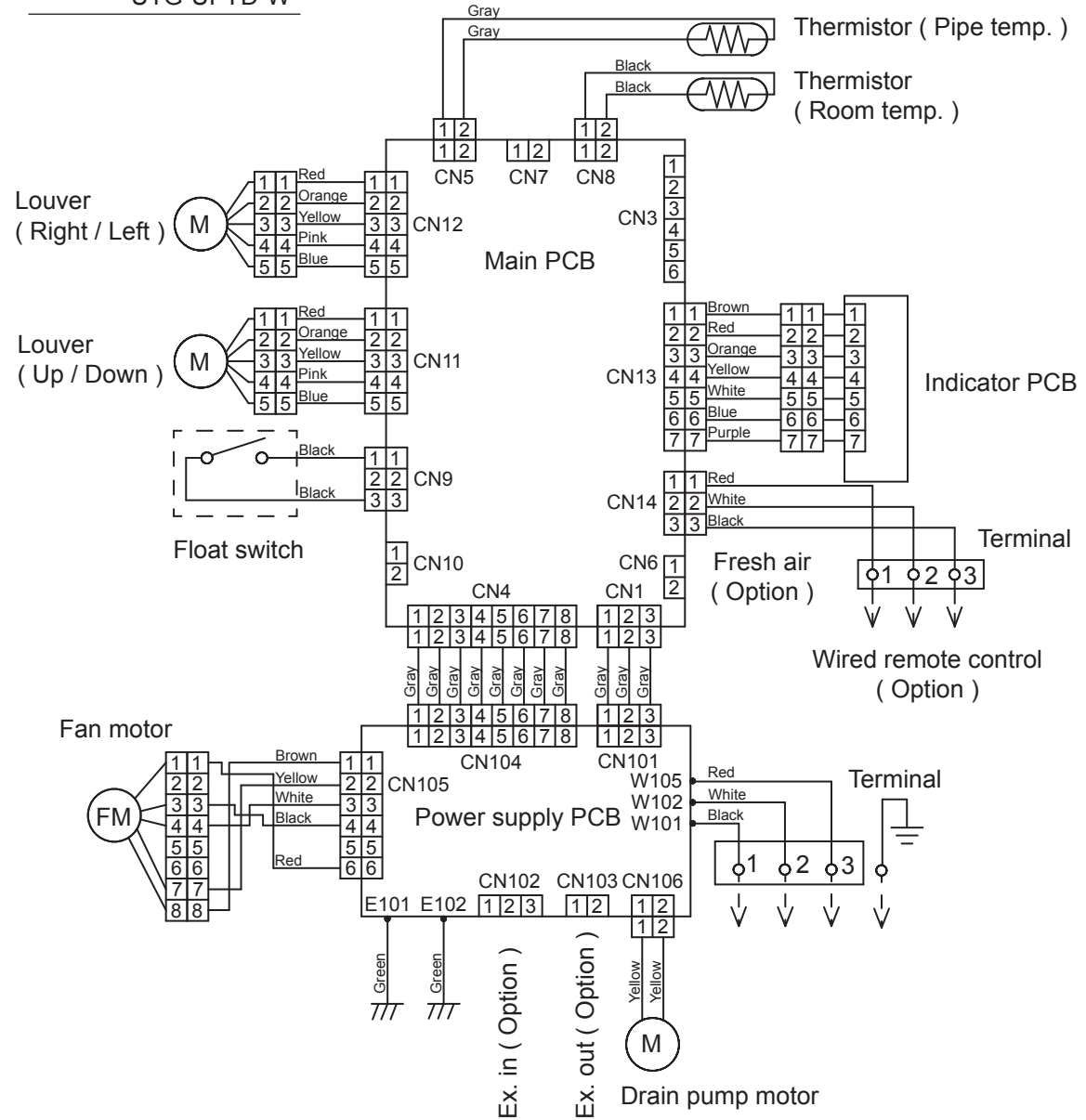
Models : ASYG07LMCA
 ASYG07LMCE
 ASYG09LMCA
 ASYG09LMCE
 ASYG12LMCA
 ASYG12LMCE
 ASYG14LMCA
 ASYG14LMCE



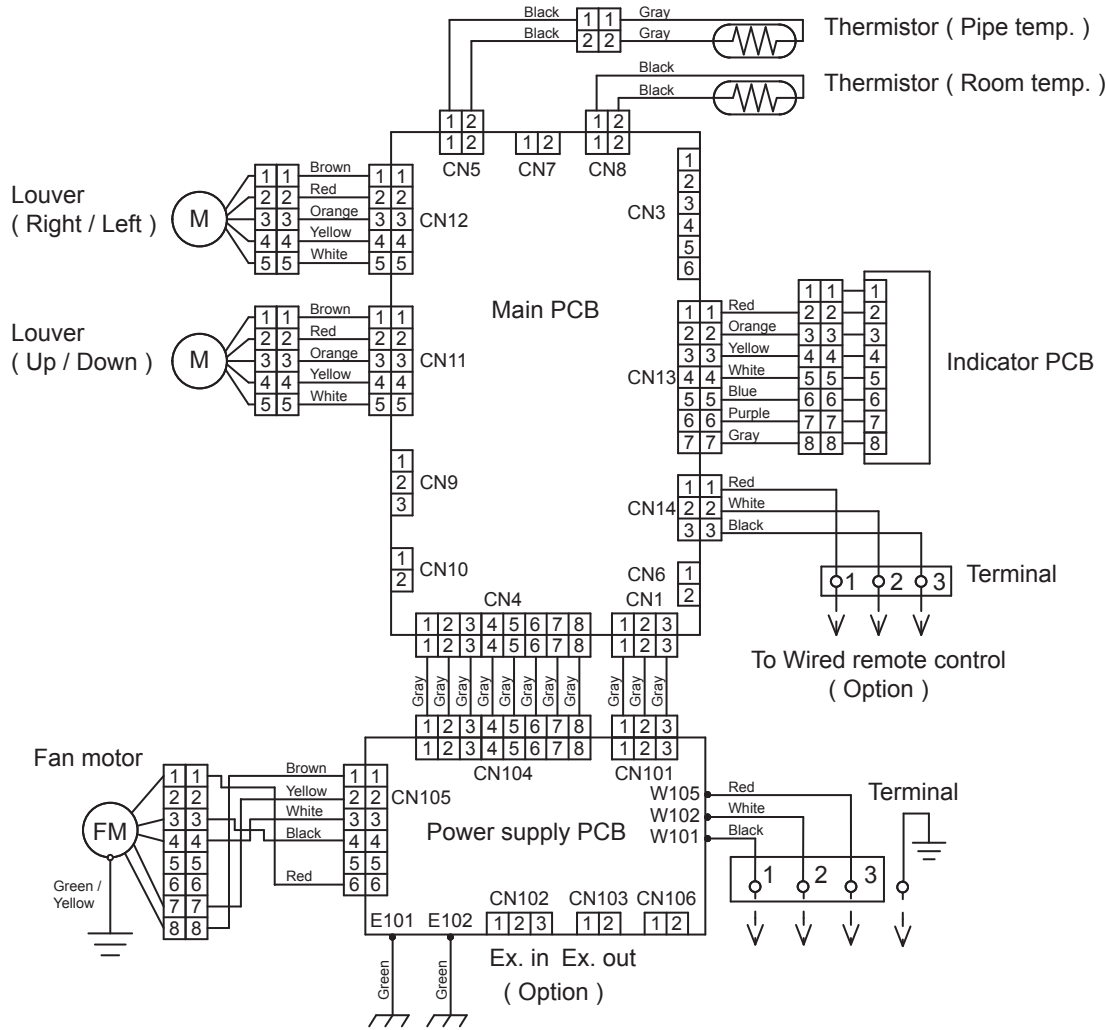
Models : ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC



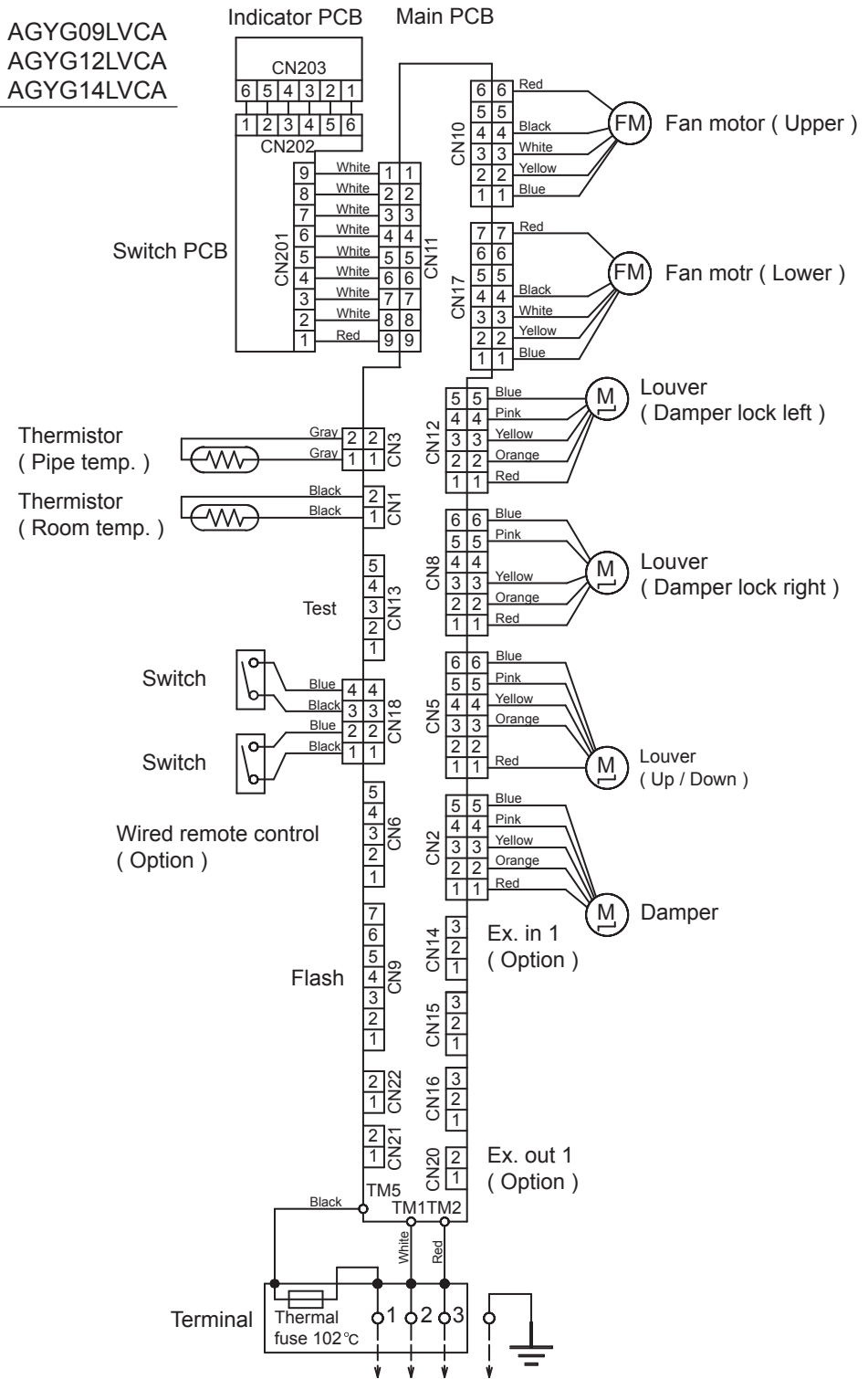
Models : AUYG07LVLA
 AUYG09LVLA
 AUYG12LVLB
 AUYG14LVLB
 AUYG18LVLB
 UTG-UFYD-W



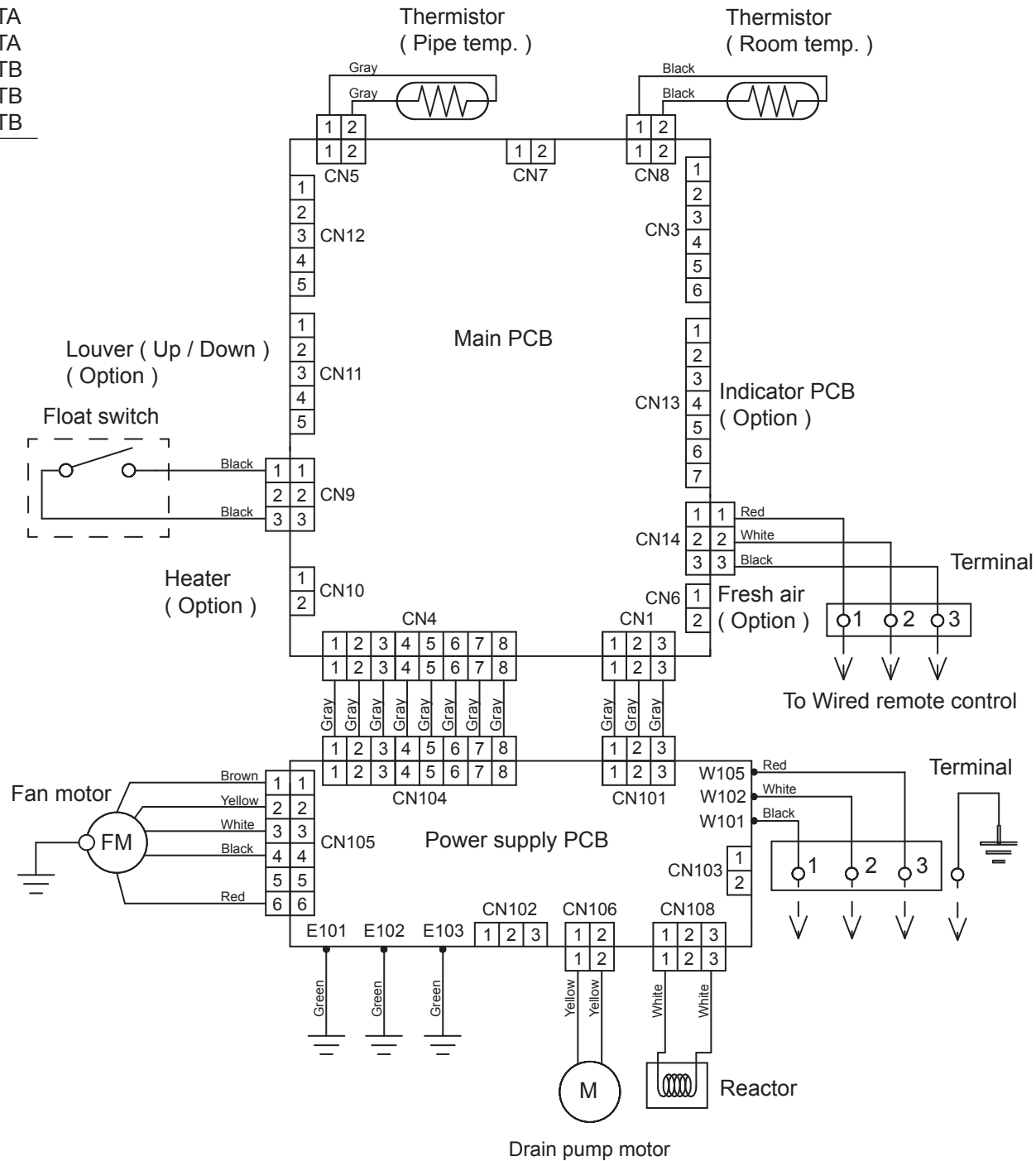
Models : ABYG14LVTA
 ABYG18LVTB



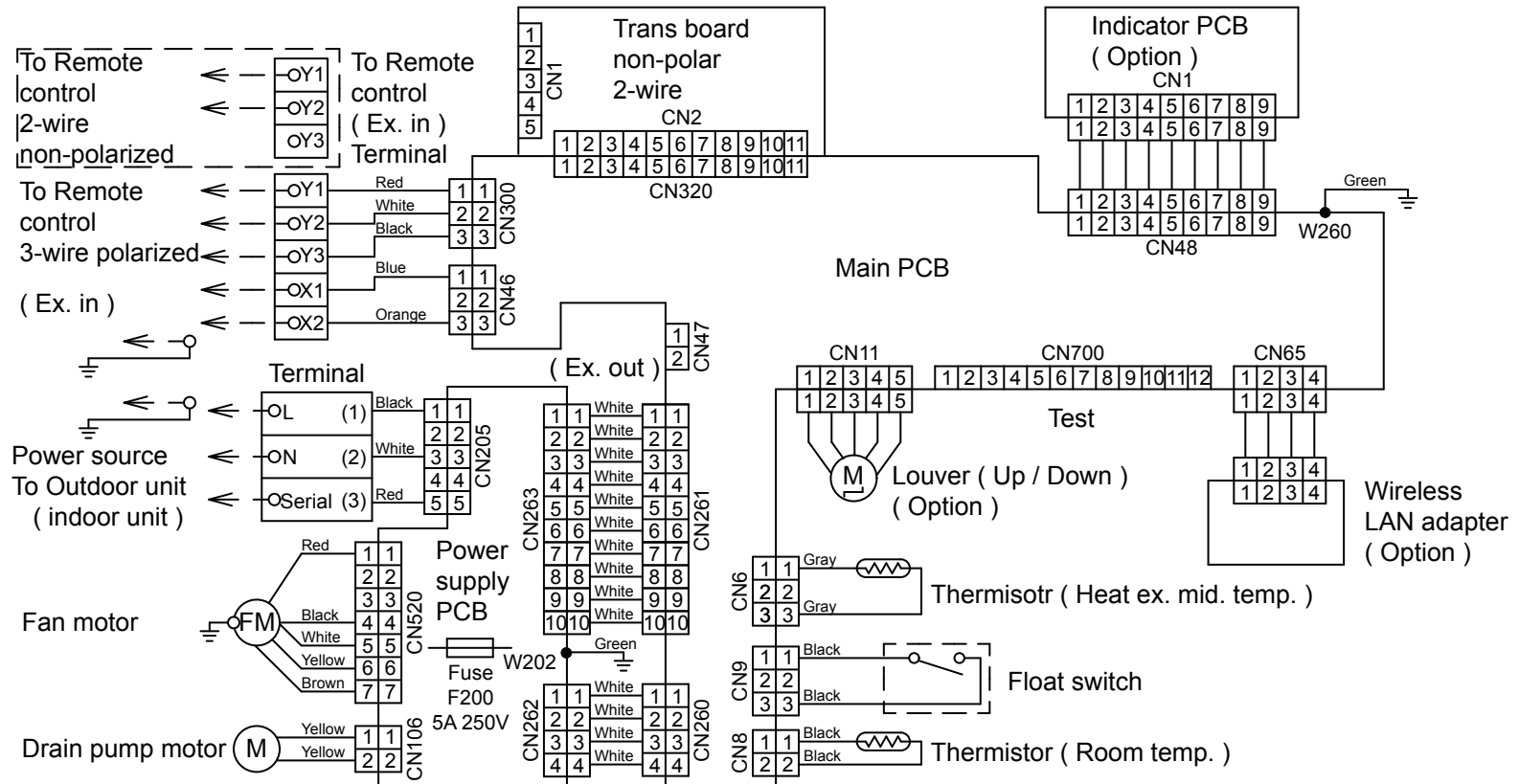
Models : AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA



Models : ARYG07LLTA
 ARYG09LLTA
 ARYG12LLTB
 ARYG14LLTB
 ARYG18LLTB



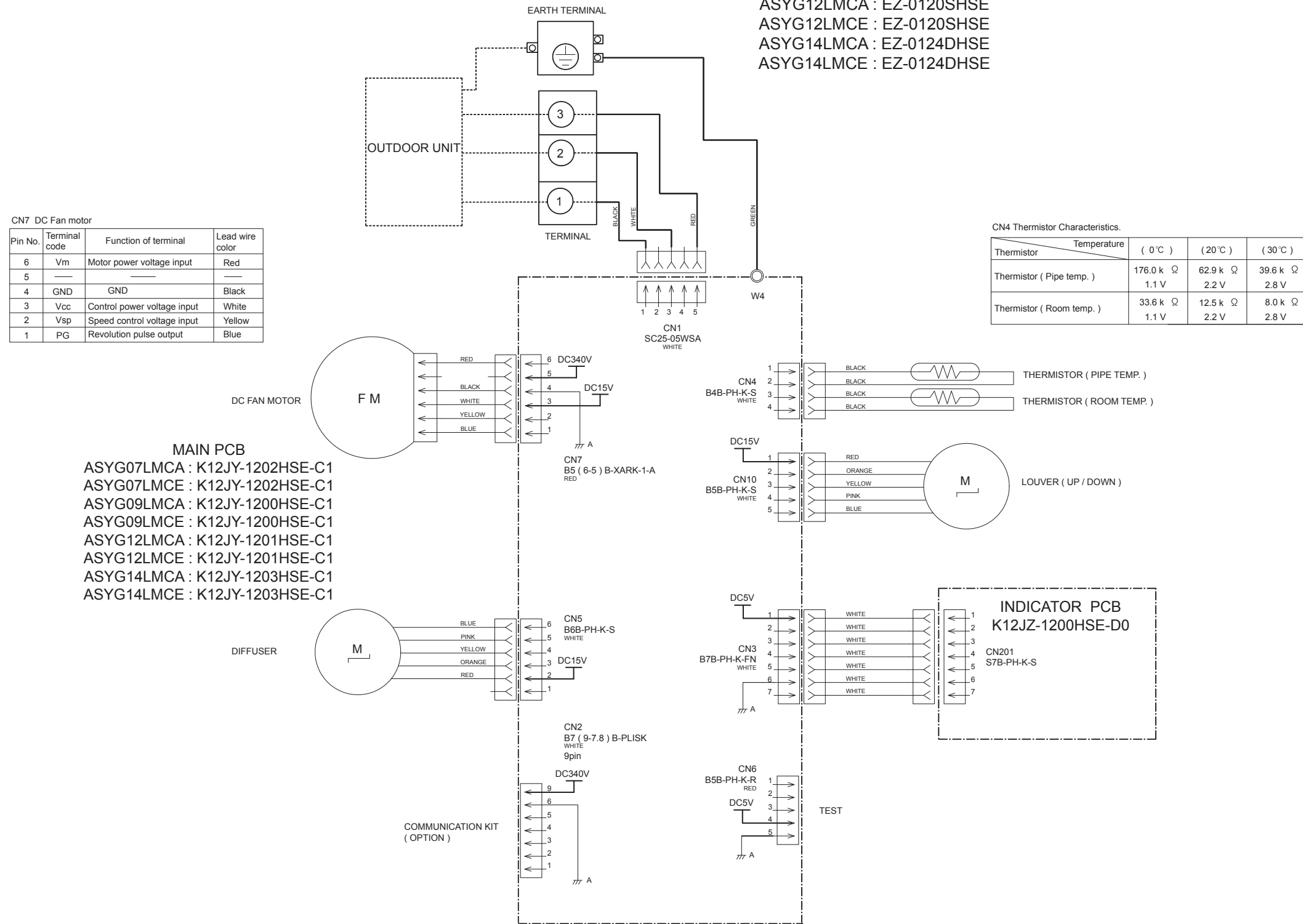
Models : ARYG07LSLAP
 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP
 ARYG18LSLAP



INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

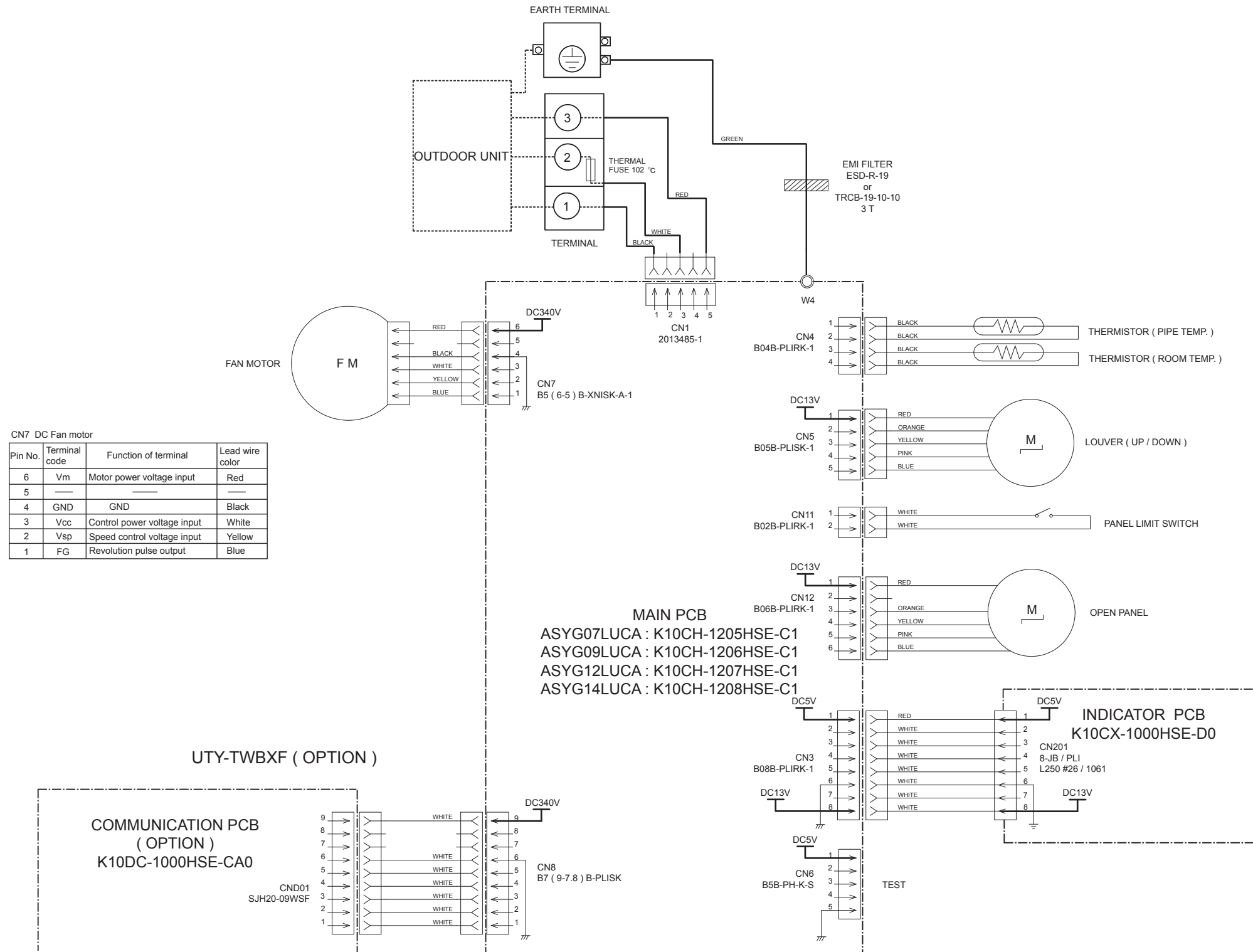
Models : ASYG07LMCA
 ASYG07LMCE
 ASYG09LMCA
 ASYG09LMCE
 ASYG12LMCA
 ASYG12LMCE
 ASYG14LMCA
 ASYG14LMCE

CONTROL UNIT
 ASYG07LMCA : EZ-0124CHSE
 ASYG07LMCE : EZ-0124CHSE
 ASYG09LMCA : EZ-0120MHSE
 ASYG09LMCE : EZ-0120MHSE
 ASYG12LMCA : EZ-0120SHSE
 ASYG12LMCE : EZ-0120SHSE
 ASYG14LMCA : EZ-0124DHSE
 ASYG14LMCE : EZ-0124DHSE



Models : ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

CONTROL UNIT
 ASYG07LUCA : EZ-0121CHSE
 ASYG09LUCA : EZ-0121DHSE
 ASYG12LUCA : EZ-0121EHSE
 ASYG14LUCA : EZ-0121FHSE



CN7 DC Fan motor

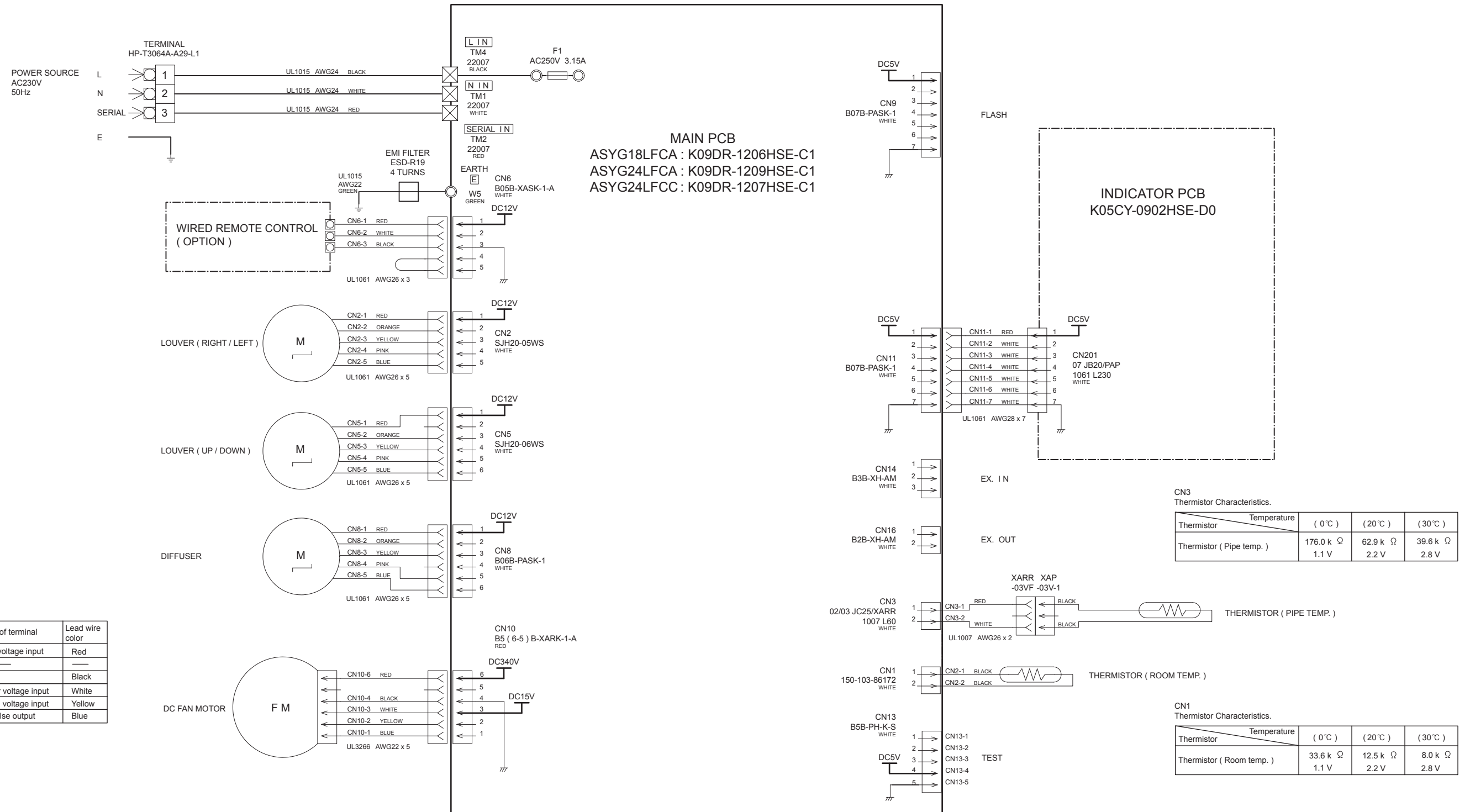
Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5	---	---	---
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	FG	Revolution pulse output	Blue

CN4 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Pipe temp.)	Resistance	176.0 k Ω	62.9 k Ω	39.6 k Ω
	Voltage	1.1 V	2.2 V	2.8 V
Thermistor (Room temp.)	Resistance	33.6 k Ω	12.5 k Ω	8.0 k Ω
	Voltage	1.1 V	2.2 V	2.8 V

Models : ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC

CONTROL UNIT
 ASYG18LFCA : EZ-01212HSE
 ASYG24LFCA : EZ-01238HSE
 ASYG24LFCC : EZ-01211HSE



CN10 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5			
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	PG	Revolution pulse output	Blue

Models : AUYG07LVLA
 AUYG09LVLA
 AUYG12LVLB
 AUYG14LVLB
 AUYG18LVLB

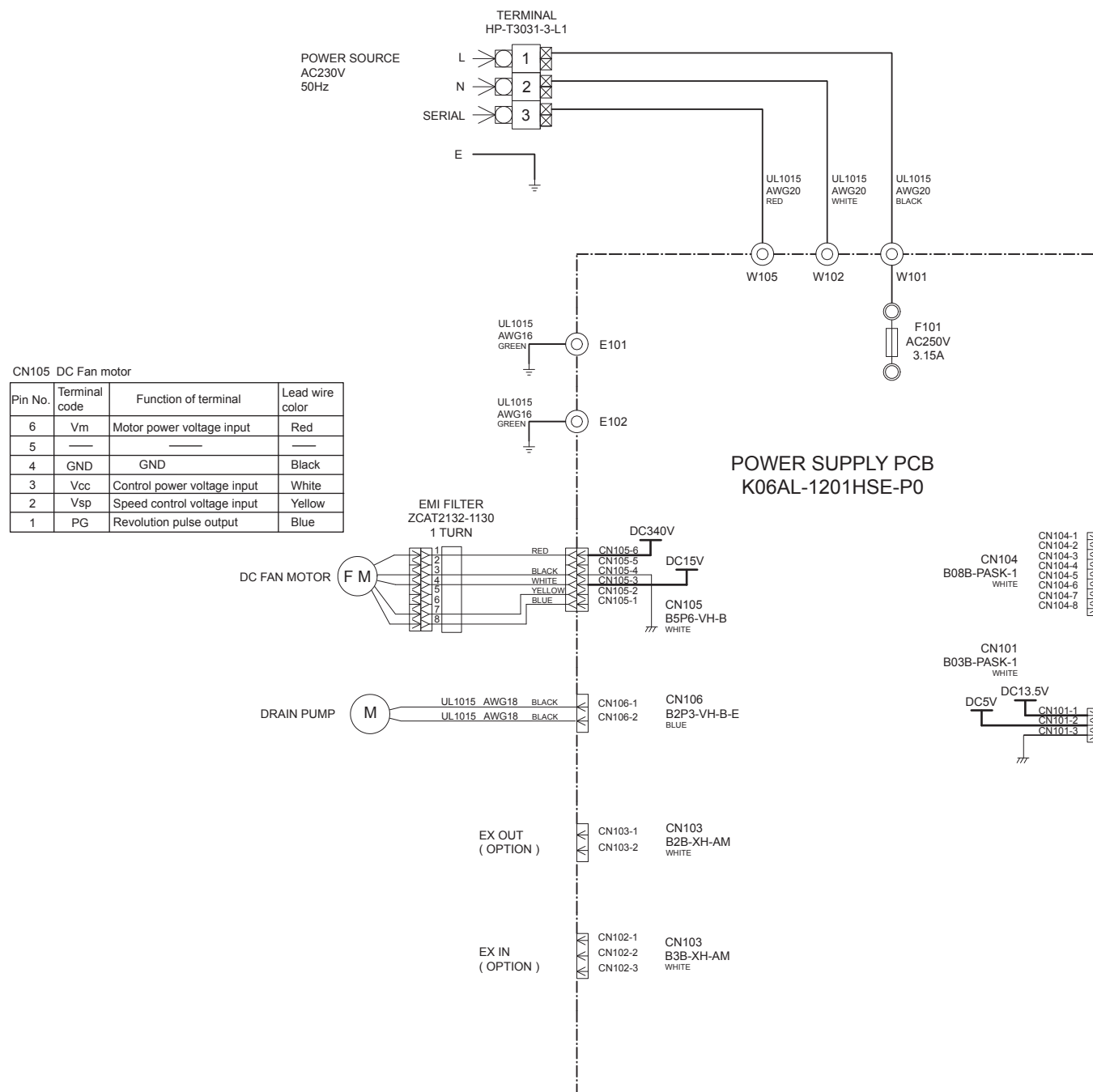
CONTROL UNIT
 AUYG07LVLA : EZ-0122FHSE
 AUYG09LVLA : EZ-0122GHSE
 AUYG12LVLB : EZ-0122HHSE
 AUYG14LVLB : EZ-0122KHSE
 AUYG18LVLB : EZ-0122LHSE

CN8
 Thermistor Characteristics.

Thermistor	Temperature	(0 °C)	(20 °C)	(30 °C)
Thermistor (Room temp.)		33.6 k Ω	12.5 k Ω	8.0 k Ω
		1.1 V	2.2 V	2.8 V

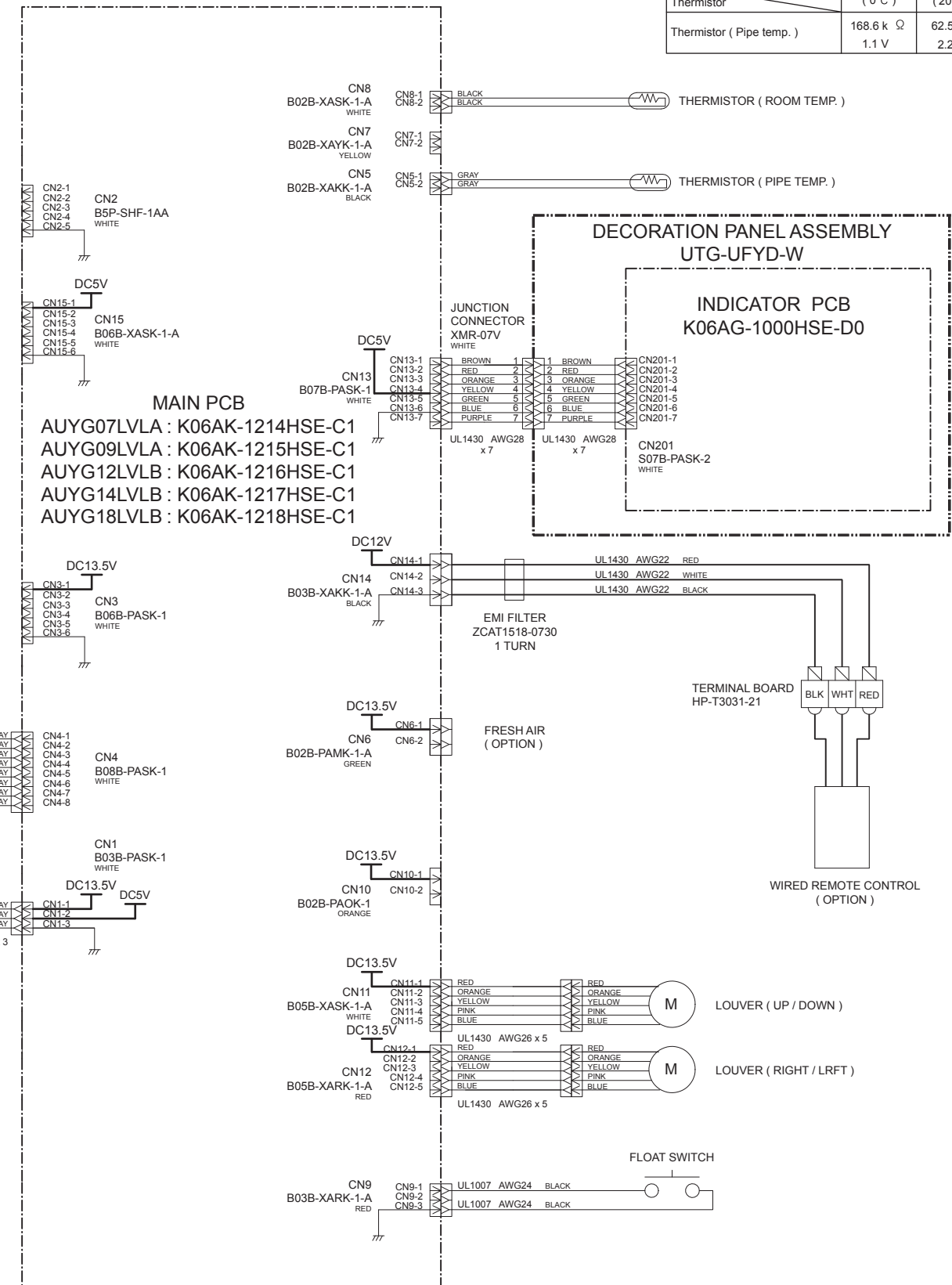
CN5
 Thermistor Characteristics.

Thermistor	Temperature	(0 °C)	(20 °C)	(30 °C)
Thermistor (Pipe temp.)		168.6 k Ω	62.5 k Ω	40.0 k Ω
		1.1 V	2.2 V	2.8 V



CN105 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5			
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	PG	Revolution pulse output	Blue



MAIN PCB

AUYG07LVLA : K06AK-1214HSE-C1
 AUYG09LVLA : K06AK-1215HSE-C1
 AUYG12LVLB : K06AK-1216HSE-C1
 AUYG14LVLB : K06AK-1217HSE-C1
 AUYG18LVLB : K06AK-1218HSE-C1

DECORATION PANEL ASSEMBLY
 UTG-UFYD-W

INDICATOR PCB
 K06AG-1000HSE-D0

Models : ARYG07LLTA
 ARYG09LLTA
 ARYG12LLTB
 ARYG14LLTB
 ARYG18LLTB

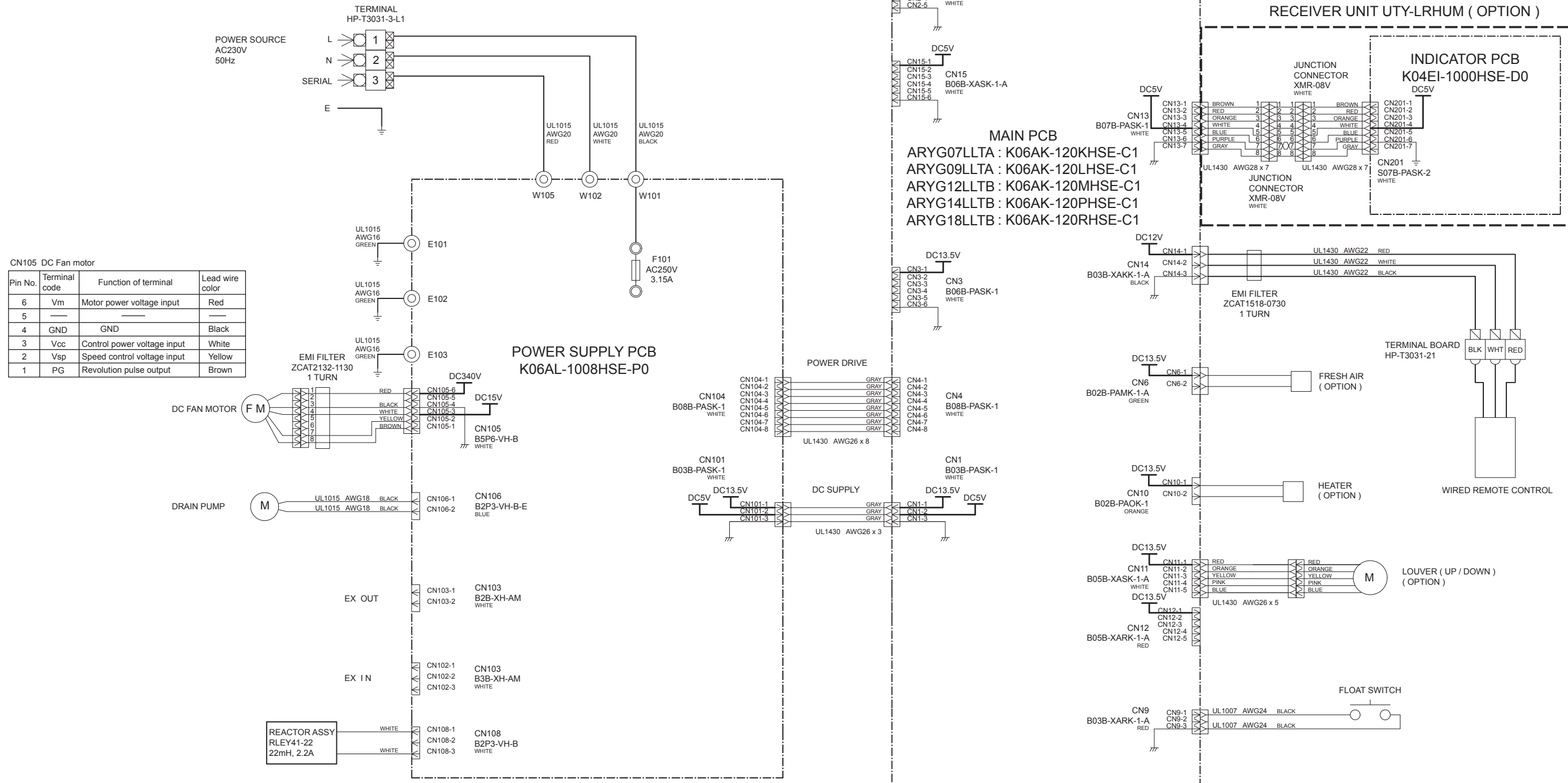
CONTROL UNIT
 ARYG07LLTA : EZ-01222HSE
 ARYG09LLTA : EZ-01223HSE
 ARYG12LLTB : EZ-01224HSE
 ARYG14LLTB : EZ-01225HSE
 ARYG18LLTB : EZ-01226HSE

CN8
Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Room temp.)	33.6 k Ω 1.1 V	12.5 k Ω 2.2 V	8.0 k Ω 2.8 V

CN5
Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Pipe temp.)	168.6 k Ω 1.1 V	62.5 k Ω 2.2 V	40.0 k Ω 2.8 V

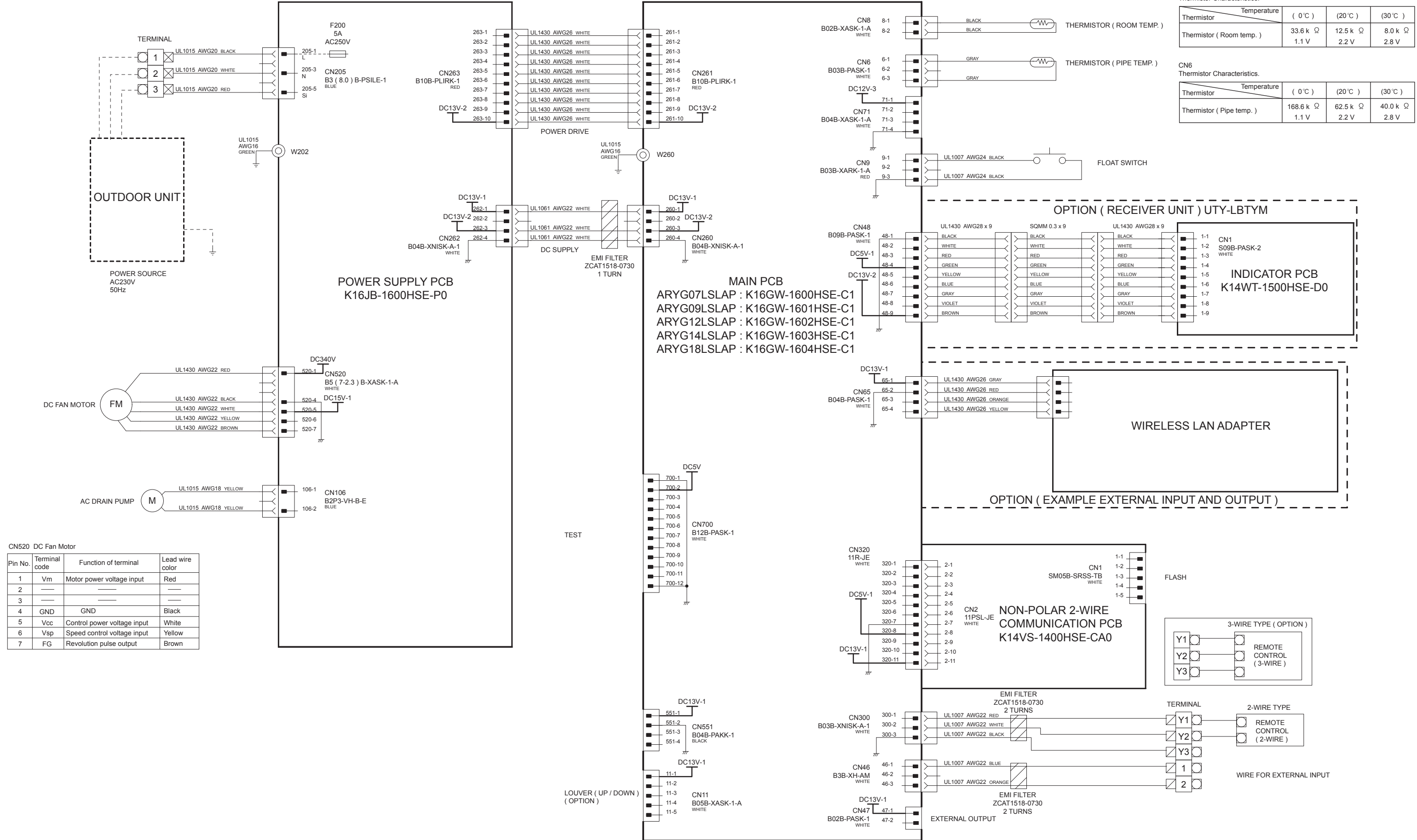


CN105 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5	—	—	—
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	PG	Revolution pulse output	Brown

Models : ARYG07LSLAP
 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP
 ARYG18LSLAP

CONTROL UNIT
 ARYG07LSLAP : EZ-0160BHSE
 ARYG09LSLAP : EZ-0160CHSE
 ARYG12LSLAP : EZ-0160DHSE
 ARYG14LSLAP : EZ-0160EHSE
 ARYG18LSLAP : EZ-0160FHSE



CN8 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Room temp.)	33.6 k Ω	12.5 k Ω	8.0 k Ω
	1.1 V	2.2 V	2.8 V

CN6 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Pipe temp.)	168.6 k Ω	62.5 k Ω	40.0 k Ω
	1.1 V	2.2 V	2.8 V

CN520 DC Fan Motor

Pin No.	Terminal code	Function of terminal	Lead wire color
1	Vm	Motor power voltage input	Red
2	—	—	—
3	—	—	—
4	GND	GND	Black
5	Vcc	Control power voltage input	White
6	Vsp	Speed control voltage input	Yellow
7	FG	Revolution pulse output	Brown

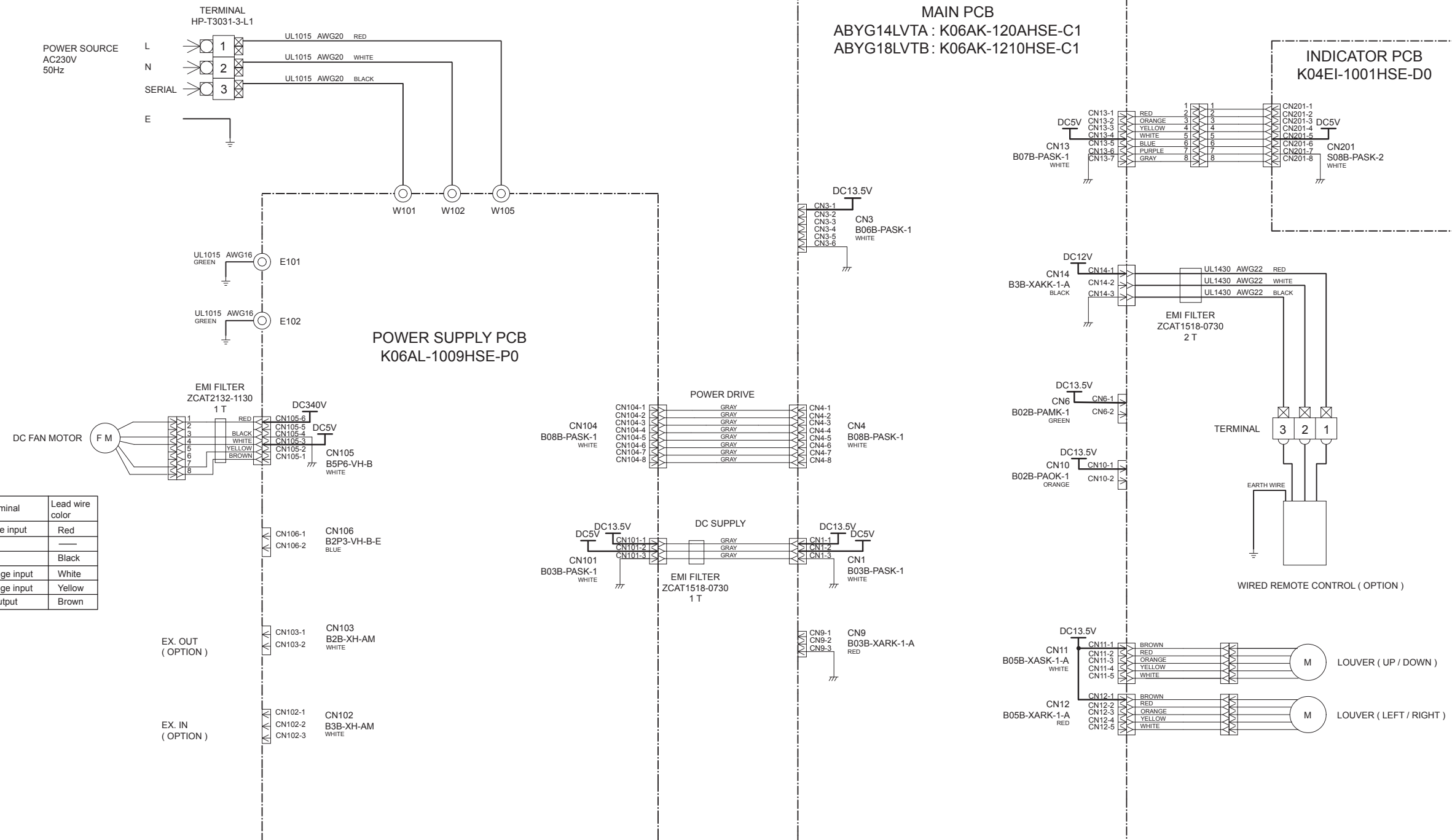
CONTROL UNIT
ABYG14LVTA : EZ-0122AHSE
ABYG18LVTB : EZ-0122BHSE

CN8
Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Room temp.)		33.6 k Ω	12.5 k Ω	8.0 k Ω
		1.1 V	2.2 V	2.8 V

CN5
Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Pipe temp.)		176.0 k Ω	62.9 k Ω	39.6 k Ω
		1.1 V	2.2 V	2.8 V



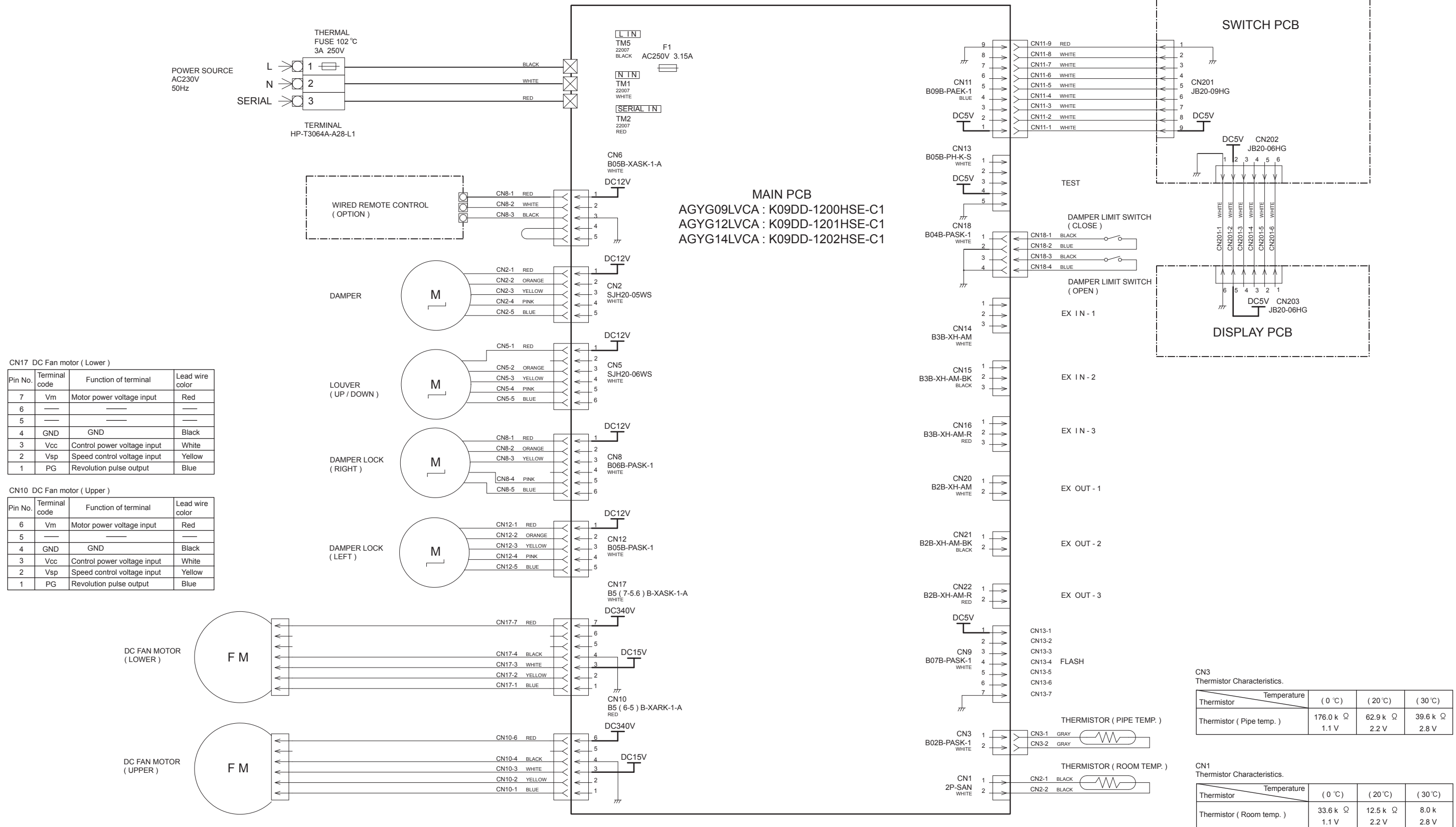
CN105 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5	---	---	---
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	FG	Revolution pulse output	Brown

Models : AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA

CONTROL UNIT
 AGYG09LVCA : EZ-01216HSE
 AGYG12LVCA : EZ-01217HSE
 AGYG14LVCA : EZ-01218HSE

INDICATOR PCB (SWITCH + DISPLAY)
 K06DD-0801HSE-F0



CN17 DC Fan motor (Lower)

Pin No.	Terminal code	Function of terminal	Lead wire color
7	Vm	Motor power voltage input	Red
6			
5			
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	PG	Revolution pulse output	Blue

CN10 DC Fan motor (Upper)

Pin No.	Terminal code	Function of terminal	Lead wire color
6	Vm	Motor power voltage input	Red
5			
4	GND	GND	Black
3	Vcc	Control power voltage input	White
2	Vsp	Speed control voltage input	Yellow
1	PG	Revolution pulse output	Blue

CN3 Thermistor Characteristics.

Thermistor	Temperature	(0 °C)	(20 °C)	(30 °C)
Thermistor (Pipe temp.)		176.0 k Ω	62.9 k Ω	39.6 k Ω
		1.1 V	2.2 V	2.8 V

CN1 Thermistor Characteristics.

Thermistor	Temperature	(0 °C)	(20 °C)	(30 °C)
Thermistor (Room temp.)		33.6 k Ω	12.5 k Ω	8.0 k Ω
		1.1 V	2.2 V	2.8 V

OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Model : AOYG36LBLA5

INVERTER ASSEMBLY EZ-0161GHUE

CN243 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
1	Vm	Motor power voltage input	Red
2	---	---	---
3	---	---	---
4	GND	GND	Black
5	Vcc	Control power voltage input	White
6	Vsp	Speed control voltage input	Yellow
7	PG	Revolution pulse output	Brown

CN92 Pressure sensor (High pressure)

Pin No.	Terminal code	Lead wire color
1	Vcc	Red
2	Vout	White
3	GND	Black

4-WAY VALVE COIL
*DC Resistance
2085 Ω ± 10% (20°C)

SOLENOID VALVE COIL
*DC Resistance
2085 Ω ± 10% (20°C)

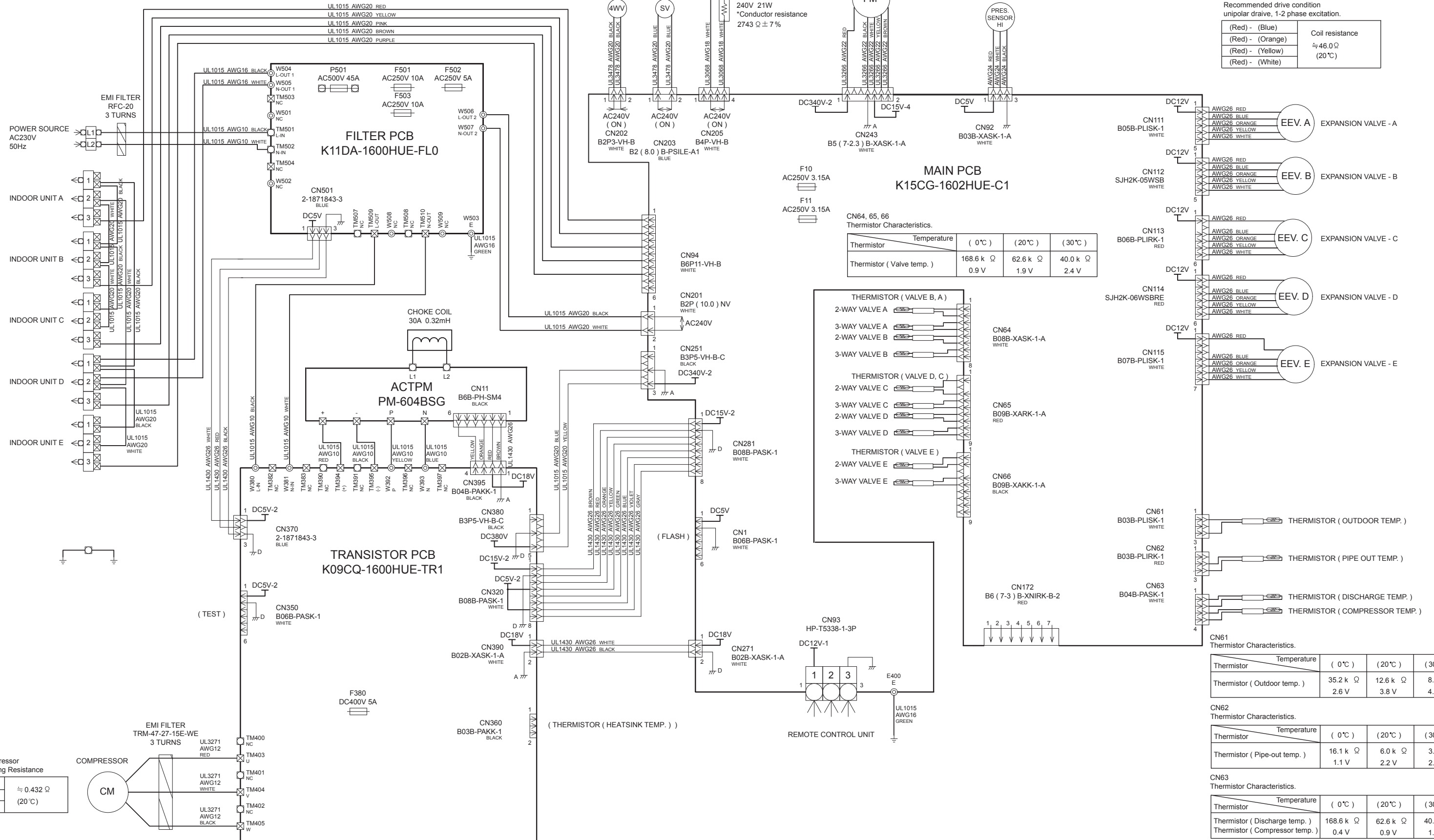
BELT HEATER
240V 21W
*Conductor resistance
2743 Ω ± 7%

DC FAN MOTOR

PRESSURE SENSOR
(HIGH PRESSURE)

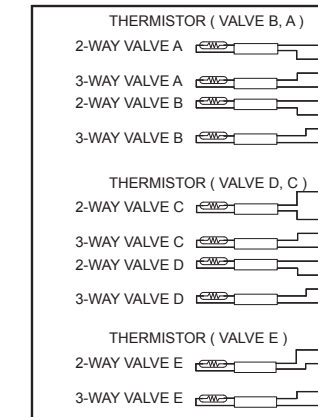
CN111, 112, 113, 114, 115 Expansion valve coil
Recommended drive condition
unipolar drive, 1-2 phase excitation.

(Red) - (Blue)	Coil resistance ≈ 46.0 Ω (20°C)
(Red) - (Orange)	
(Red) - (Yellow)	
(Red) - (White)	



CN64, 65, 66 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Valve temp.)	168.6 k Ω	62.6 k Ω	40.0 k Ω
	0.9 V	1.9 V	2.4 V



CN61 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Outdoor temp.)	35.2 k Ω	12.6 k Ω	8.0 k Ω
	2.6 V	3.8 V	4.1 V

CN62 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Pipe-out temp.)	16.1 k Ω	6.0 k Ω	3.8 k Ω
	1.1 V	2.2 V	2.8 V

CN63 Thermistor Characteristics.

Thermistor	Temperature (0°C)	(20°C)	(30°C)
Thermistor (Discharge temp.)	168.6 k Ω	62.6 k Ω	40.0 k Ω
Thermistor (Compressor temp.)	0.4 V	0.9 V	1.2 V

INVERTER ASSEMBLY EZ-0161HHUE

CN243 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
1	Vm	Motor power voltage input	Red
2	---	---	---
3	---	---	---
4	GND	GND	Black
5	Vcc	Control power voltage input	White
6	Vsp	Speed control voltage input	Yellow
7	PG	Revolution pulse output	Brown

CN92 Pressure sensor (High pressure)

Pin No.	Terminal code	Lead wire color
1	Vcc	Red
2	Vout	White
3	GND	Black

4-WAY VALVE COIL
*DC Resistance
2085 Ω ± 10% (20°C)

SOLENOID VALVE COIL
*DC Resistance
2085 Ω ± 10% (20°C)

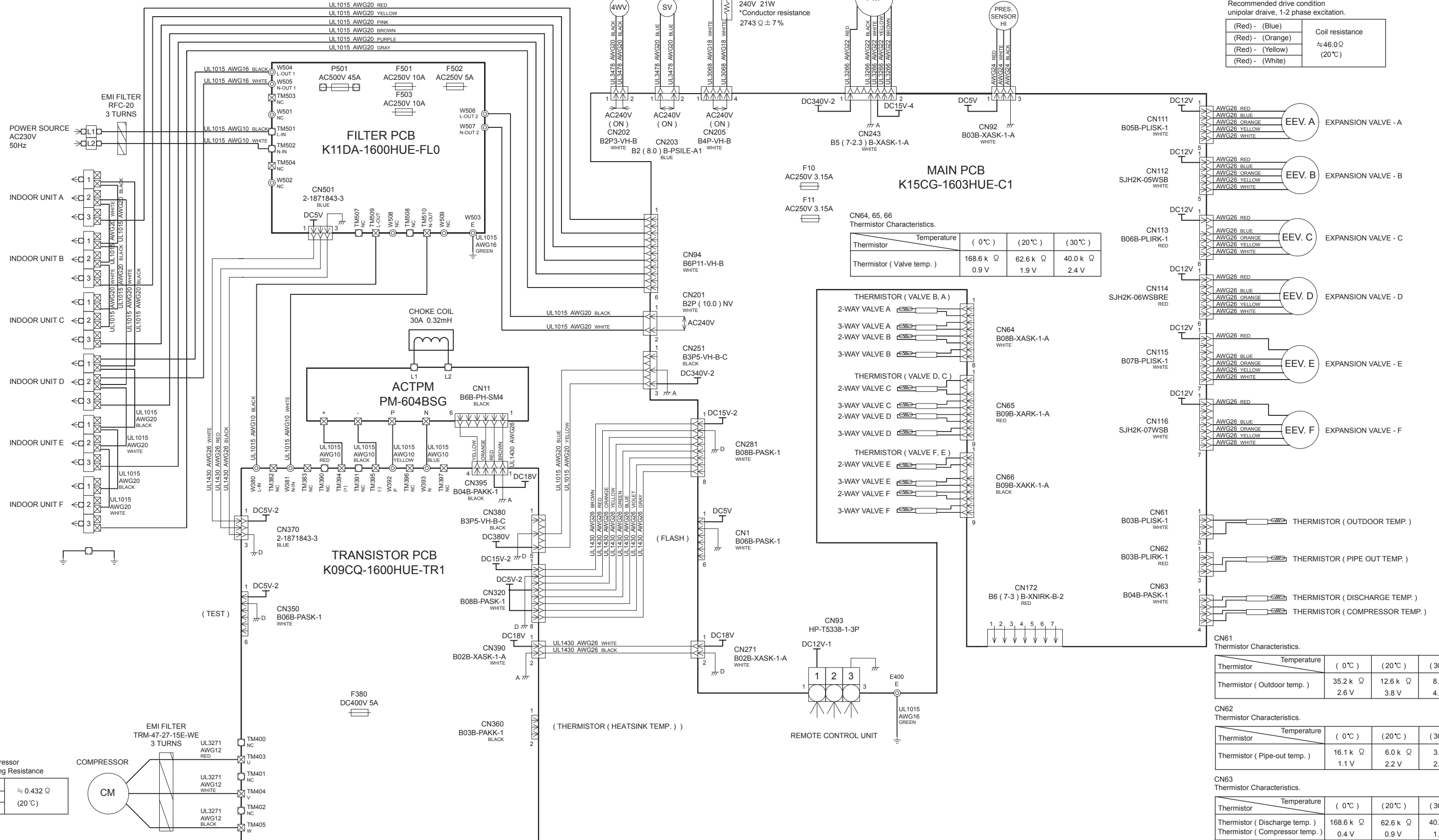
BELT HEATER
240V 21W
*Conductor resistance
2743 Ω ± 7%

DC FAN MOTOR

PRESSURE SENSOR (HIGH PRESSURE)

CN111, 112, 113, 114, 115, 116 Expansion valve coil
Recommended drive condition
unipolar drive, 1-2 phase excitation.

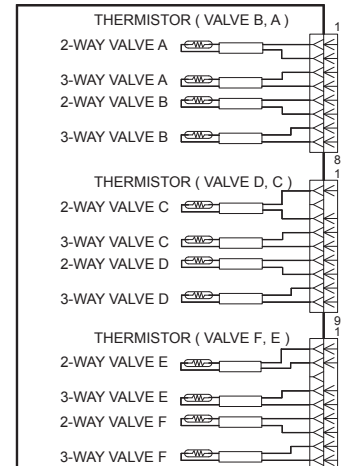
(Red) - (Blue)	Coil resistance ≈ 46.0 Ω (20°C)
(Red) - (Orange)	
(Red) - (Yellow)	
(Red) - (White)	



MAIN PCB
K15CG-1603HUE-C1

Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Valve temp.)		168.6 k Ω	62.6 k Ω	40.0 k Ω
		0.9 V	1.9 V	2.4 V



CN61 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Outdoor temp.)		35.2 k Ω	12.6 k Ω	8.0 k Ω
		2.6 V	3.8 V	4.1 V

CN62 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Pipe-out temp.)		16.1 k Ω	6.0 k Ω	3.8 k Ω
		1.1 V	2.2 V	2.8 V

CN63 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Discharge temp.)		168.6 k Ω	62.6 k Ω	40.0 k Ω
Thermistor (Compressor temp.)		0.4 V	0.9 V	1.2 V

Compressor Winding Resistance

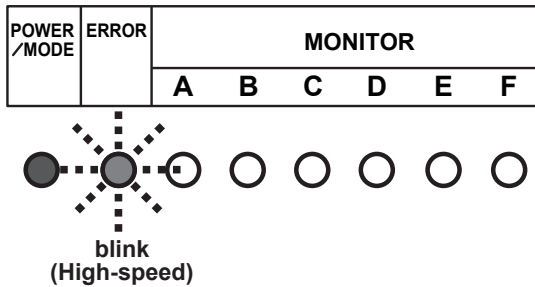
U-V	≈ 0.432 Ω
V-W	
U-W	(20°C)

ERROR DETECTION

OUTDOOR UNIT
AOYG36LBLA5
AOYG45LBLA6

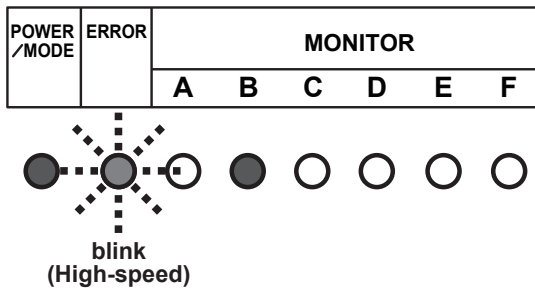
If an error occurs, the LED will light up to display the error location and the error code.

In the event of an error, the error LED flashes quickly.



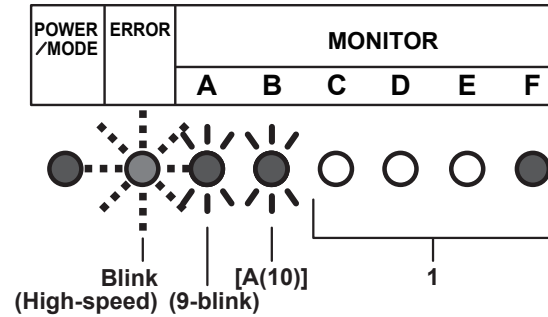
LEDs A to F of MONITOR light up and display the error location. In the case of an overall error, LEDs A to F of MONITOR do not light up.

Example) Coil error in indoor unit B

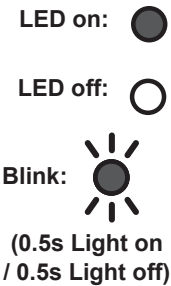


While the error is occurring, please briefly press SW1. The error code is displayed.

Example) Coil error (Error cord = 9A.1)

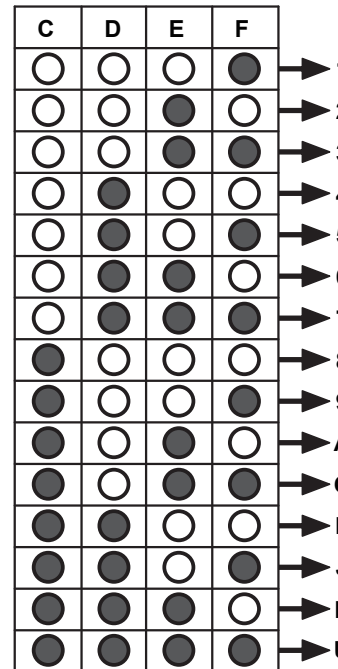


Display mode



Number of blinking: ()

- For MONITOR (A and B)
- A: 10-Blink
 - C: 11-Blink
 - F: 12-Blink
 - J: 13-Blink
 - P: 14-Blink
 - U: 15-Blink



Error code	Error type
11.3	Serial communication error
11.4	Serial communication error during operation
16.5	Communication error between controller and outdoor unit
22.1	Indoor unit capacity error
5U.1	Indoor unit error
62.1	PCB model information error
62.3	EEPROM access error
62.6	Inverter communication error
62.8	EEPROM data corruption error
63.1	Inverter error
65.3	IPM error (Trip terminal L error)
71.1	Discharge temp. sensor error
72.1	Compressor temp. sensor error
73.2	Heat ex. middle temp. sensor error
73.3	Heat ex. out temp. sensor error
74.1	Outdoor temp. sensor error
75.1	Suction gas temp. sensor error
76.1	Valve sensor error
76.2	
77.1	Heat sink temp. sensor error
84.1	Current sensor 1 error (stoppage permanently)
86.1	Discharge pressure sensor error
94.1	Trip detection
95.1	Compressor motor control error (stoppage permanently)
97.3	Fan motor 1 error (Duty error)
98.3	Fan motor 2 error (Duty error)
99.1	4-way valve error
9A.1	Coil 1 (expansion valve) error
A1.1	Discharge temperature error (stoppage permanently)
A3.1	Compressor temperature error

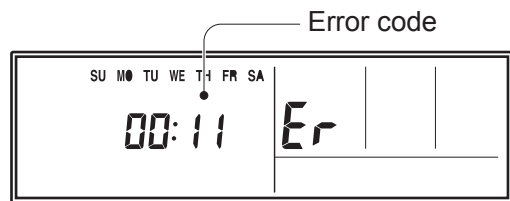
INDOOR UNIT and WIRED REMOTE CONTROL

If you use a wireless remote control, the lamp on the photo detector unit will output error codes by way of blinking patterns.

If you use a wired type remote control, error codes will appear on the remote control display. See the lamp blinking patterns and error codes in the table. An error display is displayed only during running.

This is possible only on a wired remote control.

If an error occurs, the following display will be shown. ("Er" will appear in the set room temperature display.)



EX. Self-diagnosis

● : 0.5s on / 0.5s off

◇ : 0.1s on / 0.1s off

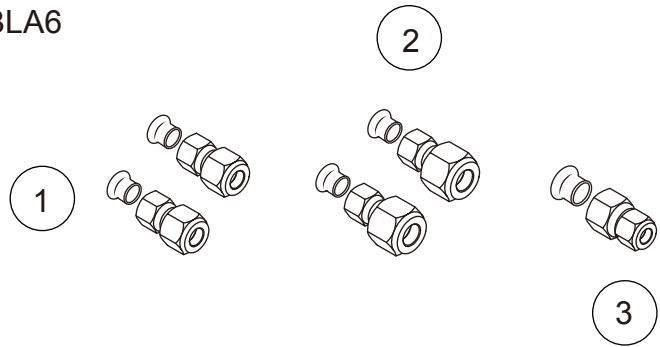
() : Number of flashing

Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
● (1)	● (1)	◇	11	Serial communication error
● (1)	● (2)	◇	12	Wired remote control communication error
● (1)	● (5)	◇	15	Check run unfinished
● (2)	● (1)	◇	21	Unit number or Refrigerant circuit address setting error [Simultaneous Multi]
● (2)	● (2)	◇	22	Indoor unit capacity error
● (2)	● (3)	◇	23	Combination error
● (2)	● (4)	◇	24	• Connection unit number error (indoor slave unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
● (2)	● (7)	◇	27	Master unit, slave unit set-up error [Simultaneous Multi]
● (3)	● (2)	◇	32	Indoor unit PCB model information error
● (3)	● (5)	◇	35	Manual auto switch error
● (4)	● (1)	◇	41	Inlet air temp. sensor error
● (4)	● (2)	◇	42	Indoor unit Heat Ex. Middle temp. sensor error
● (5)	● (1)	◇	51	Indoor unit fan motor error
● (5)	● (3)	◇	53	Drain pump error
● (5)	● (7)	◇	57	Damper error
● (5)	● (15)	◇	5U	Indoor unit error
● (6)	● (2)	◇	62	Outdoor unit main PCB model information error or communication error
● (6)	● (3)	◇	63	Inverter error
● (6)	● (4)	◇	64	Active filter error, PFC circuit error
● (6)	● (5)	◇	65	Trip terminal L error

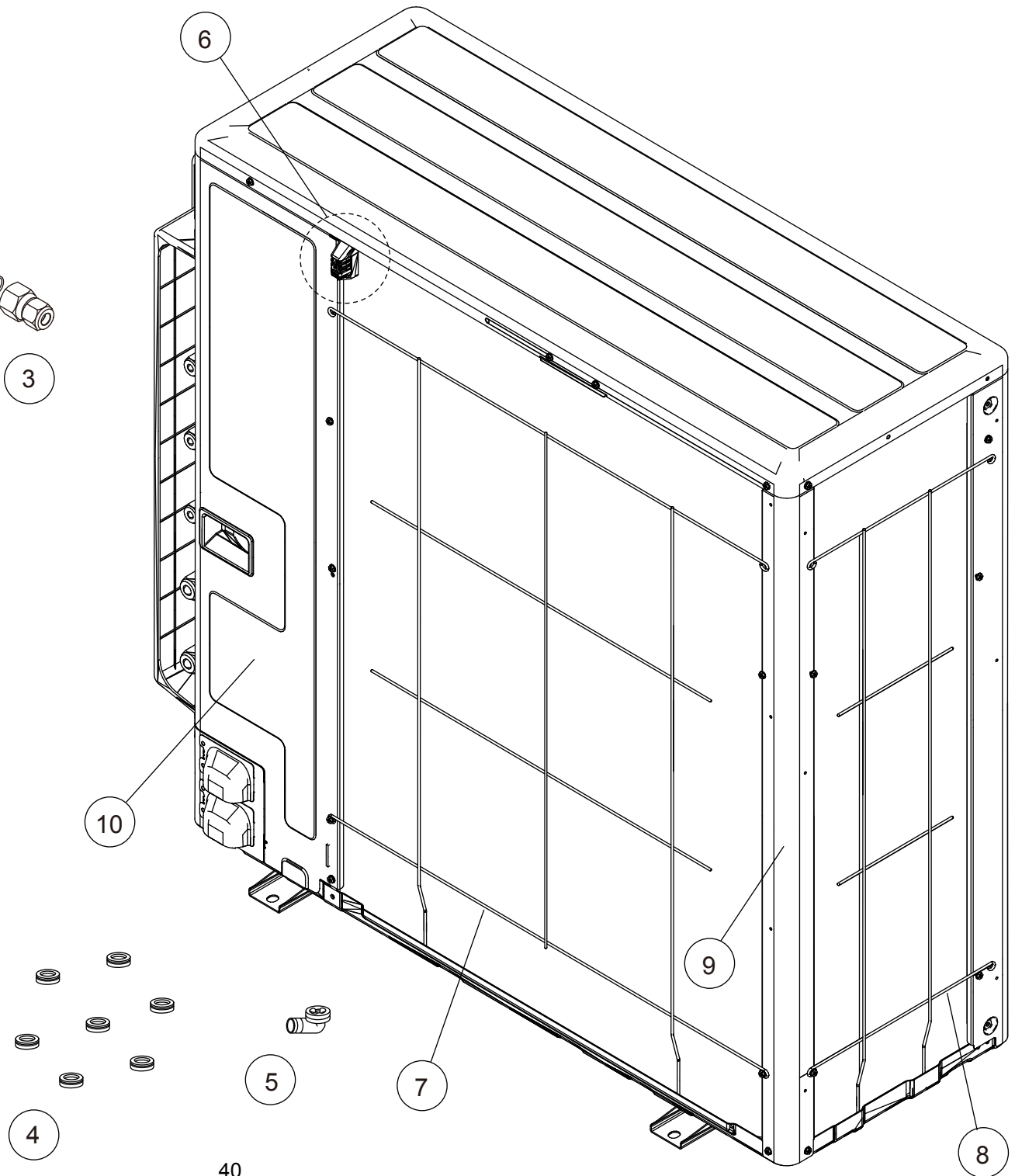
Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
● (6)	● (10)	◇	6A	Display PCB microcomputers communication error
● (7)	● (1)	◇	71	Discharge temp. sensor error
● (7)	● (2)	◇	72	Compressor temp. sensor error
● (7)	● (3)	◇	73	Outdoor unit Heat Ex. out temp. sensor error
● (7)	● (4)	◇	74	Outdoor temp. sensor error
● (7)	● (5)	◇	75	Suction Gas temp. sensor error
● (7)	● (6)	◇	76	• 2-way valve temp. sensor error • 3-way valve temp. sensor error
● (7)	● (7)	◇	77	Heat sink temp. sensor error
● (8)	● (2)	◇	82	• Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error
● (8)	● (3)	◇	83	Liquid pipe temp. sensor error
● (8)	● (4)	◇	84	Current sensor error
● (8)	● (6)	◇	86	• Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error
● (9)	● (4)	◇	94	Trip detection
● (9)	● (5)	◇	95	Compressor rotor position detection error (permanent stop)
● (9)	● (7)	◇	97	Outdoor unit fan motor error
● (9)	● (9)	◇	99	4-way valve error
● (10)	● (1)	◇	A1	Discharge temp. error
● (10)	● (3)	◇	A3	Compressor temp. error
● (10)	● (4)	◇	A4	High pressure error
● (10)	● (5)	◇	A5	Low pressure error
● (13)	● (2)	◇	J2	Branch boxes error [Flexible Multi]

PARTS

OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

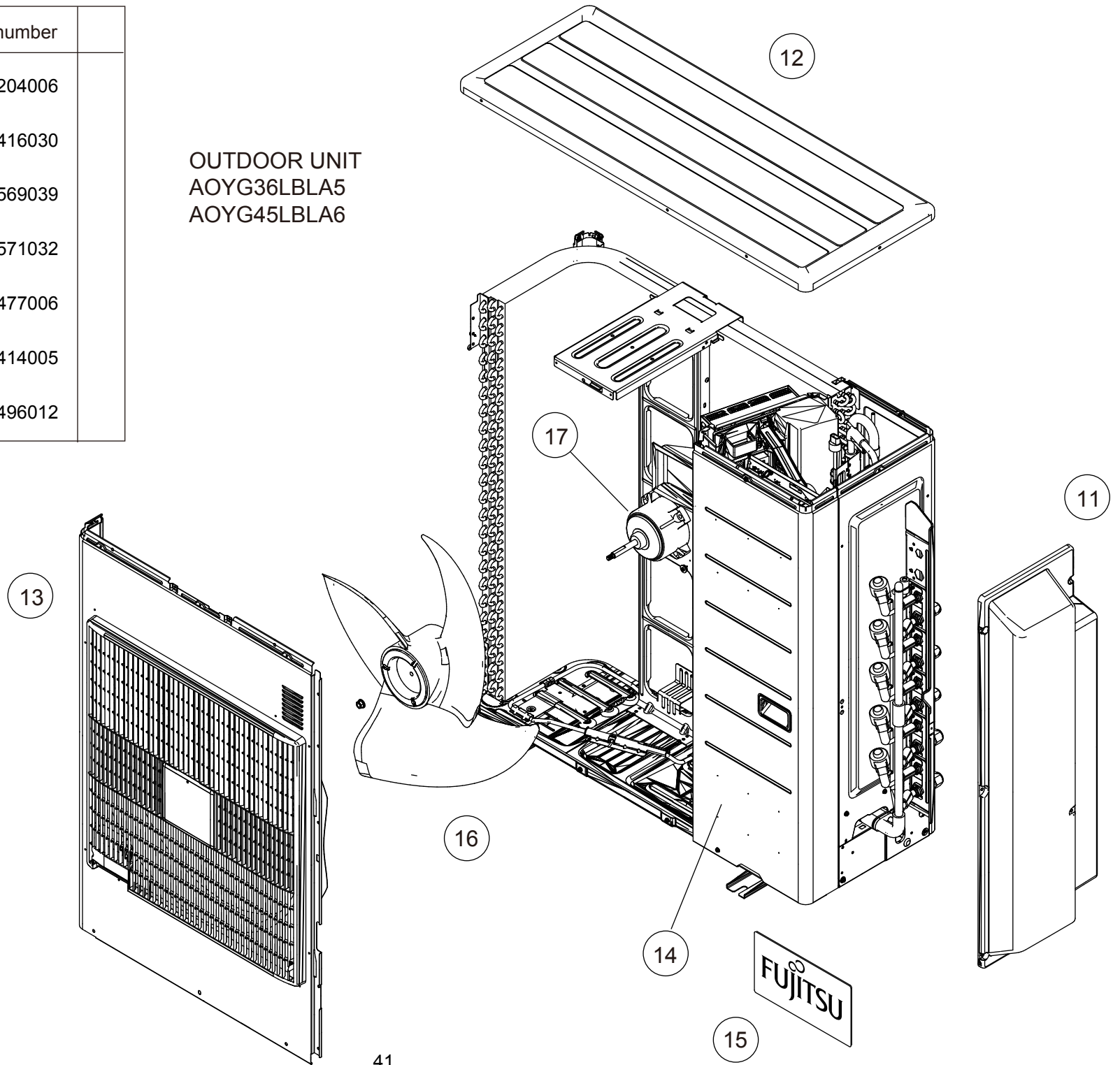


Ref.	Description	Part number
1	Adapter K Assy	9379963022
2	Adapter L Assy	9379963039
3	Adapter H	9379681001
4	Drain Cap	313166024302
5	Drain Assy	9303029015
6	Thermistor Holder	9332505009
7	Protective Net Rear	9381013005
8	Protective Net Left	9381014002
9	Cabinet Left	9380968009
10	Cabinet Right Sub Assy	9380570035

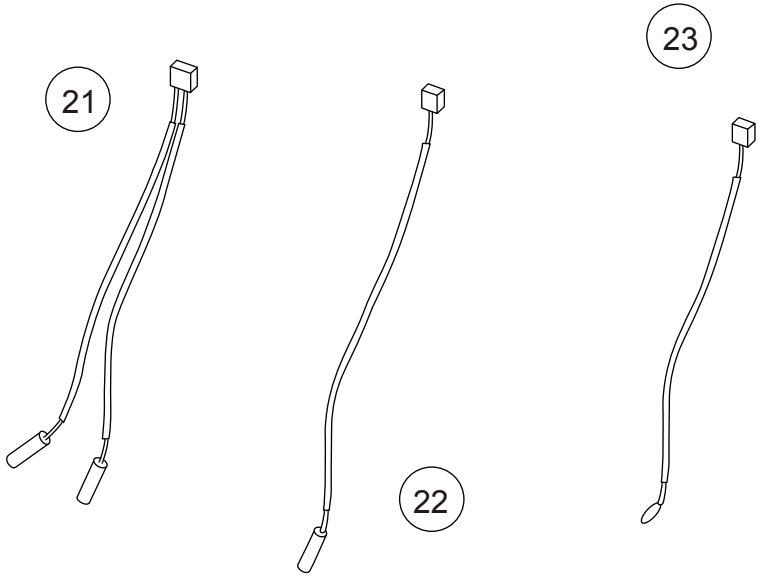
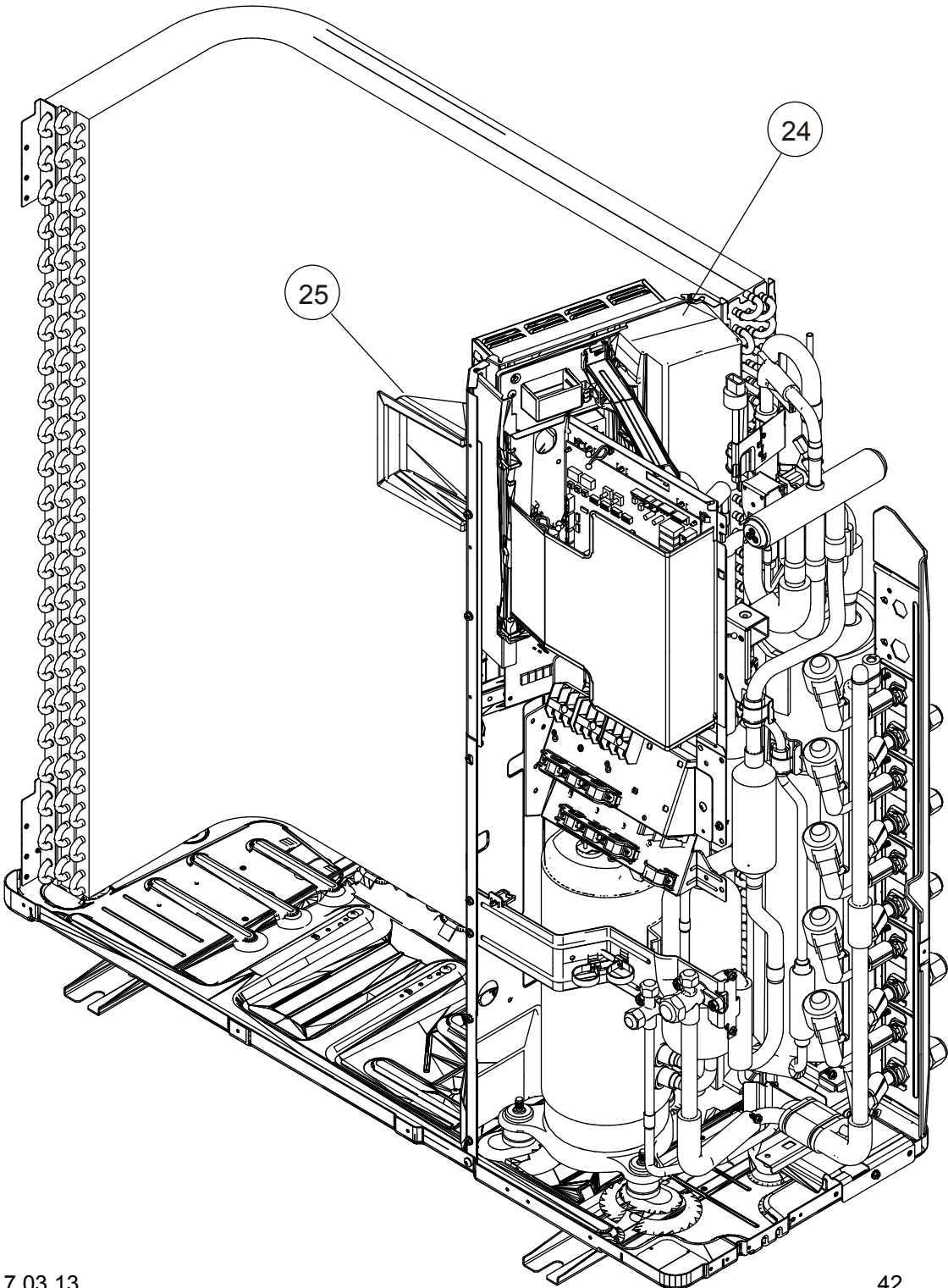


Ref.	Description	Part number
11	Union Cover	9382204006
12	Top Panel Sub Assy	9379416030
13	Front Panel Sub Assy	9380569039
14	Service Panel Sub Assy	9380571032
15	FUJITSU Label	9380477006
16	Propeller Fan	9379414005
17	Fan Motor	9603496012

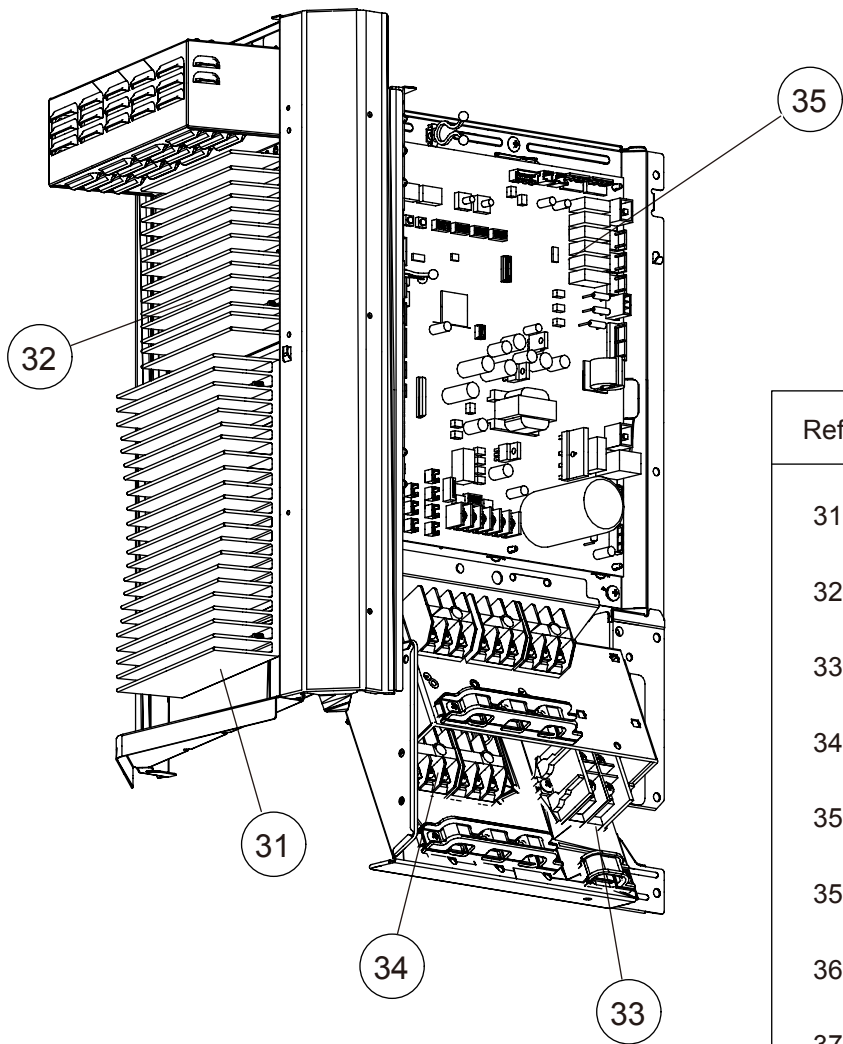
OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6



OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

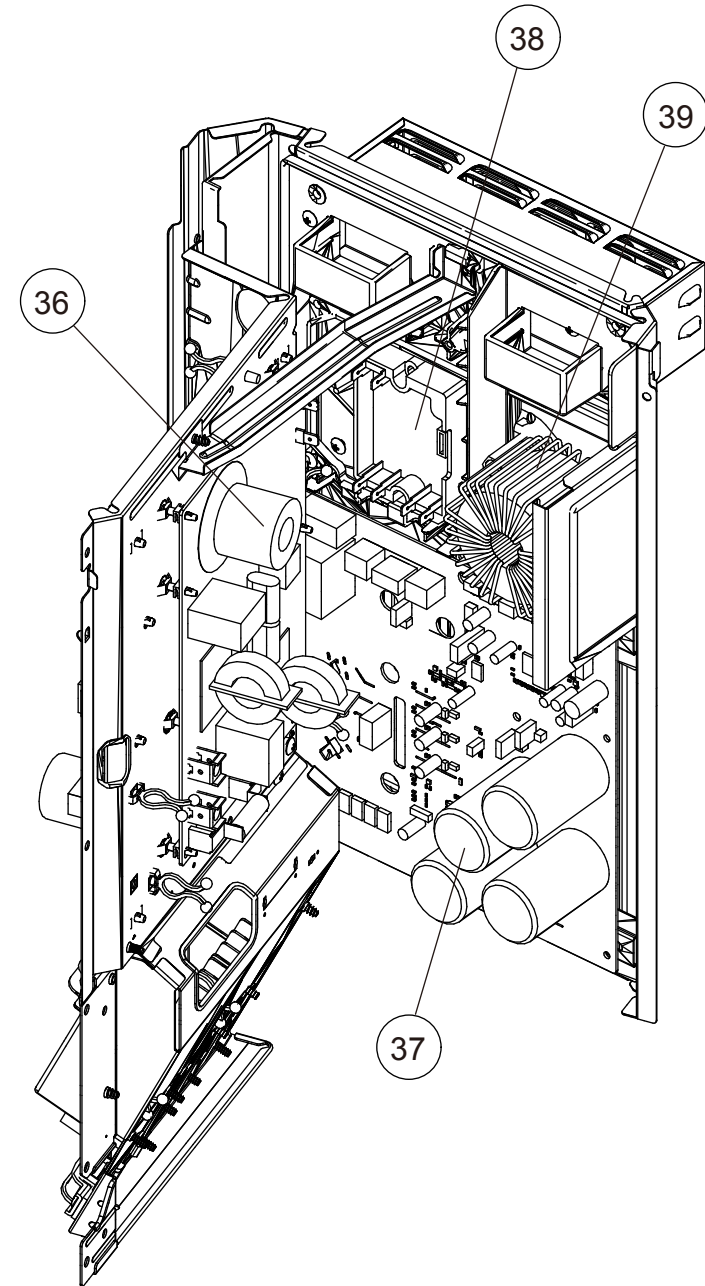


Ref.	Description	Part number	
21	Thermistor Assy	9900922016	
22	Heat Ex. Thermistor	9900923013	
23	Outdoor Thermistor	9900565046	
24	Duct A	9380961000	
25	Duct D	9380959007	



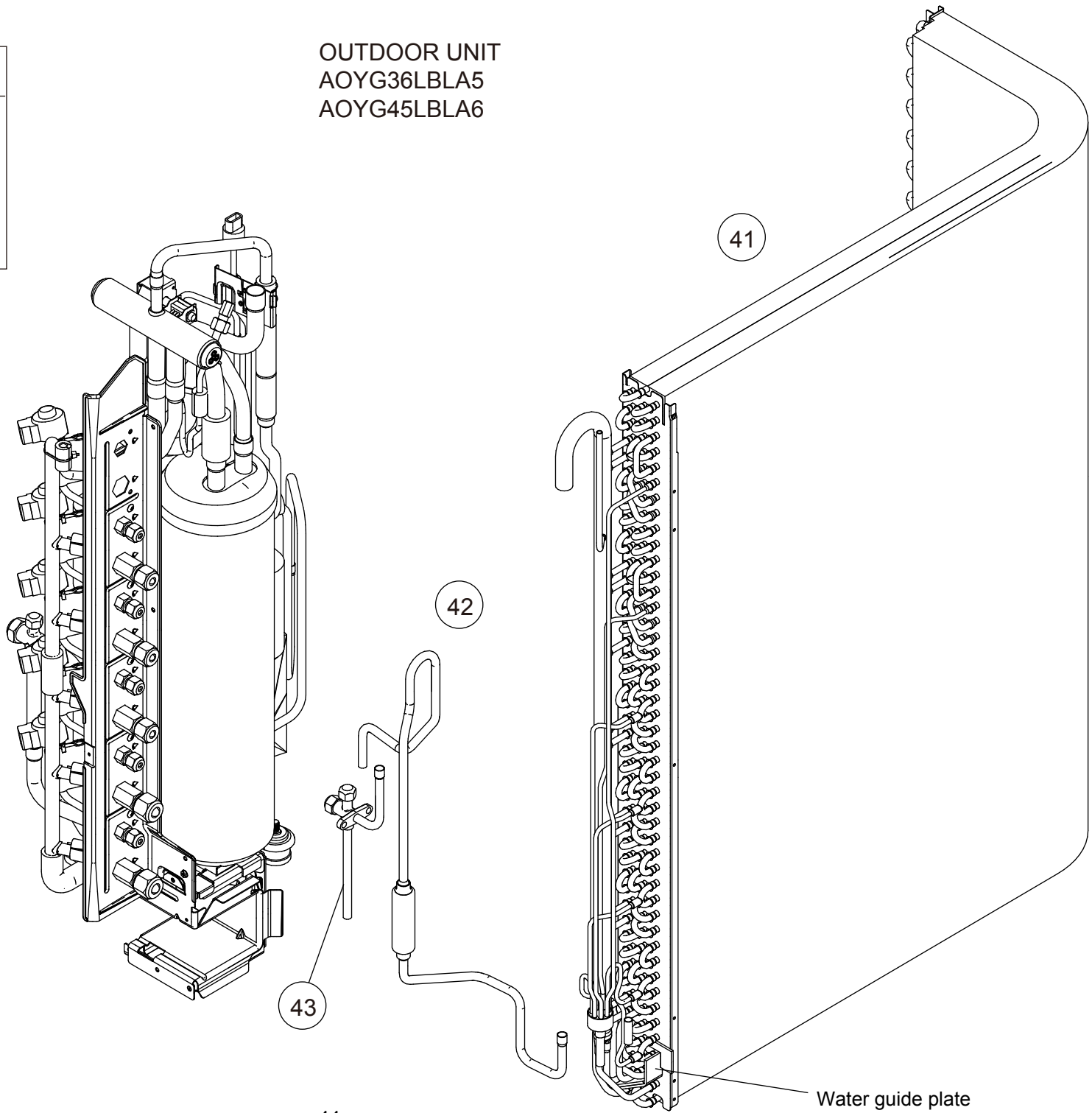
OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6
 Inverter assy

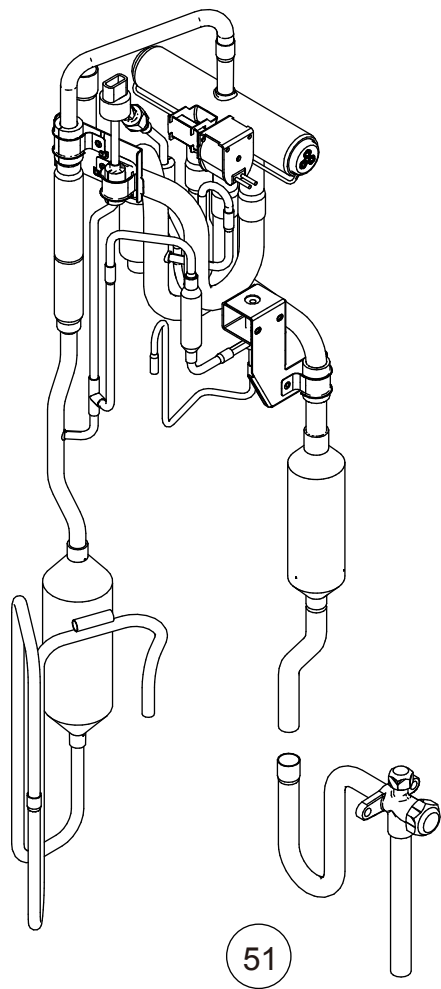
Ref.	Description	Parts number
31	Heat Sink A	9380483007
32	Heat Sink C	9380980018
33	Terminal 2P Power	9900428105
34	Terminal 3P Inner	9306489045
35	Main PCB (36LBLA5)	9710455049
35	Main PCB (45LBLA6)	9710455056
36	Filter PCB	9709911075
37	Transistor PCB	9709901113
38	ACTPM	9708920009
39	Choke Coil	9900624019



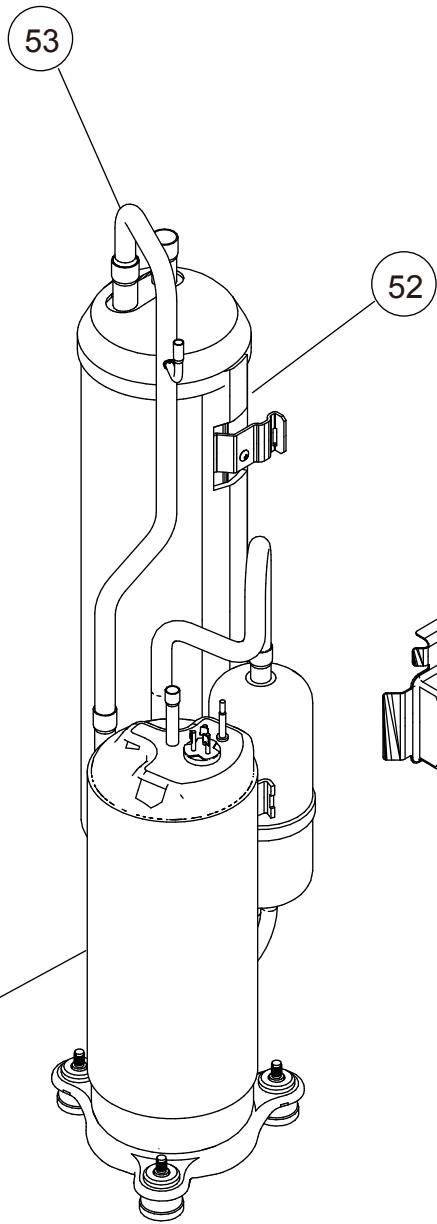
Ref.	Description	Part number
41	Condenser Sub Assy	9374420360
42	Condensing Pipe Assy	9371378107
43	3-way Valve Assy	9381055012

OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

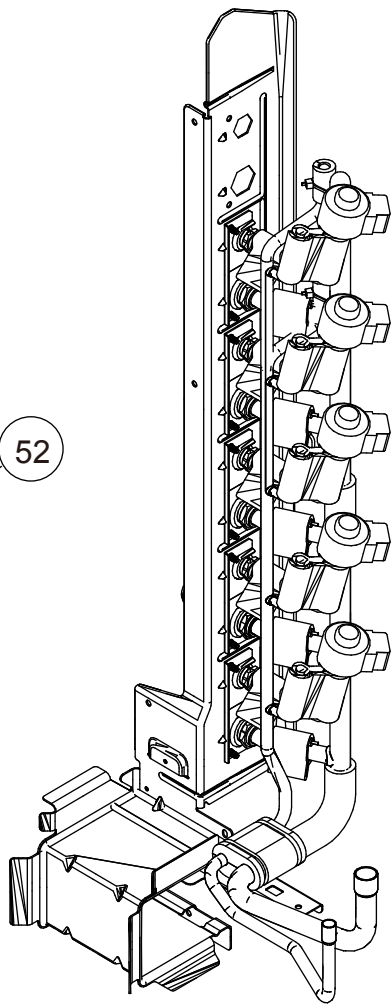




51

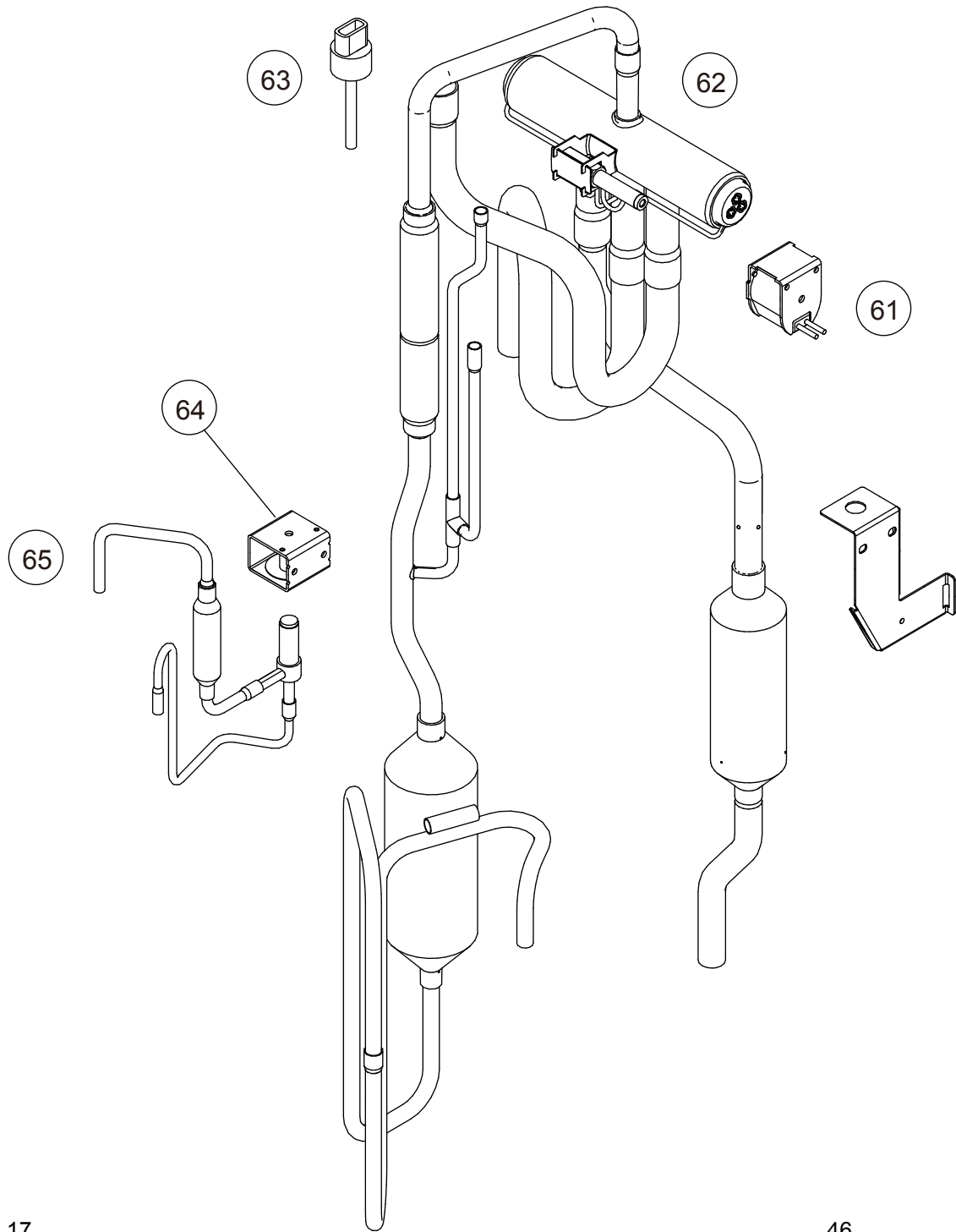


54



OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

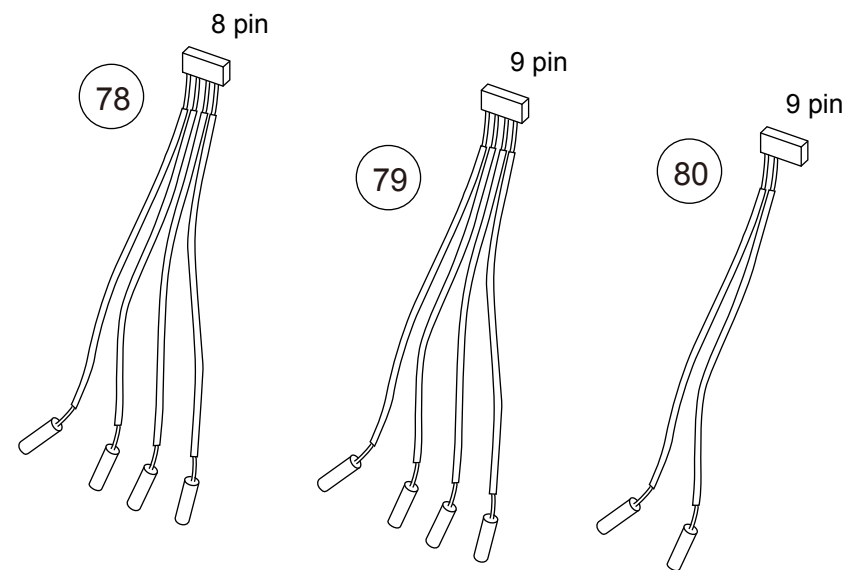
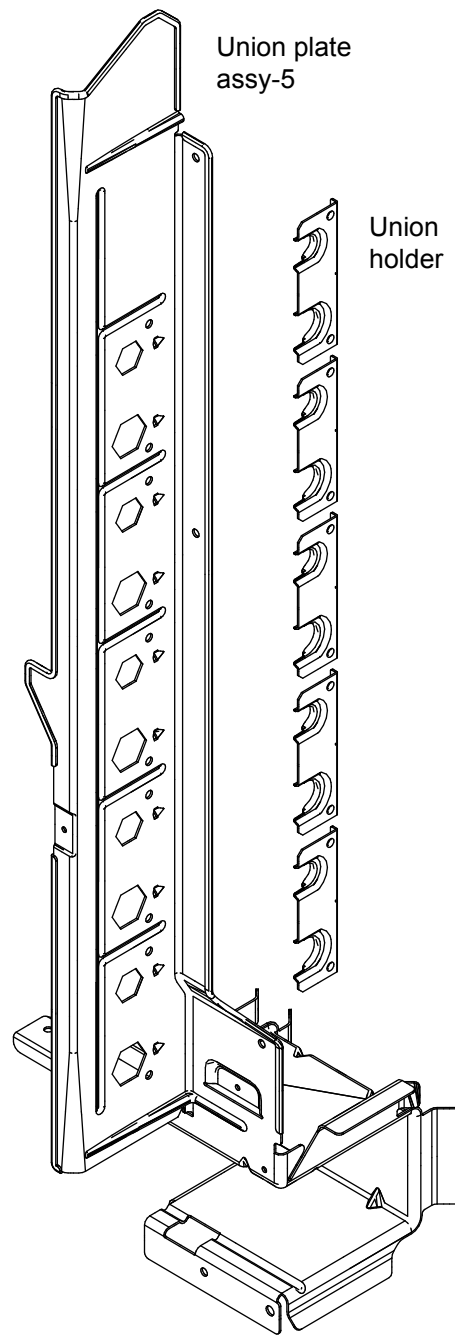
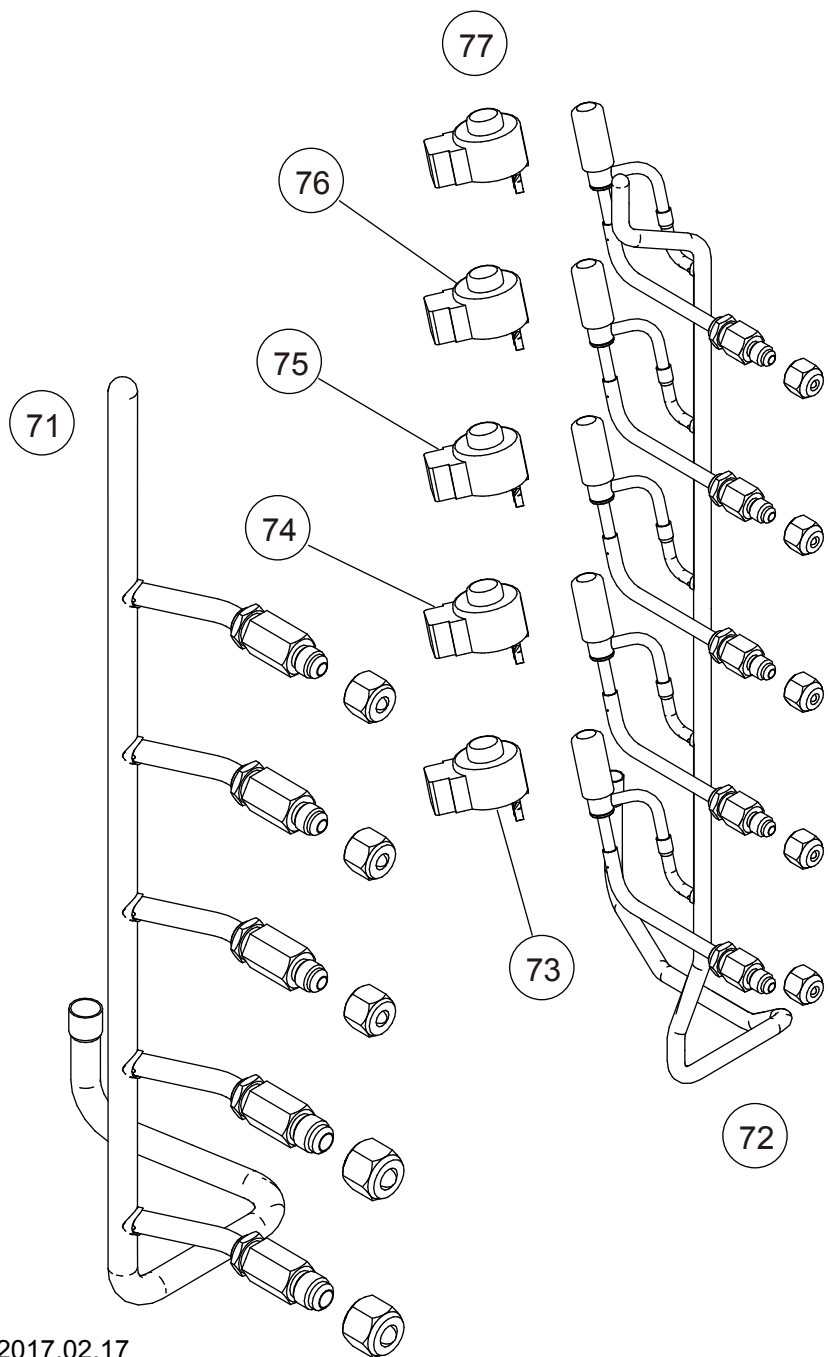
Ref.	Description	Part number
51	3-way Valve Assy	9315414052
52	Accumulator Sub Assy	9372700075
53	Suction Pipe Assy	9372514191
54	Compressor	9810275004
-	Belt Heater	9361140356



OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

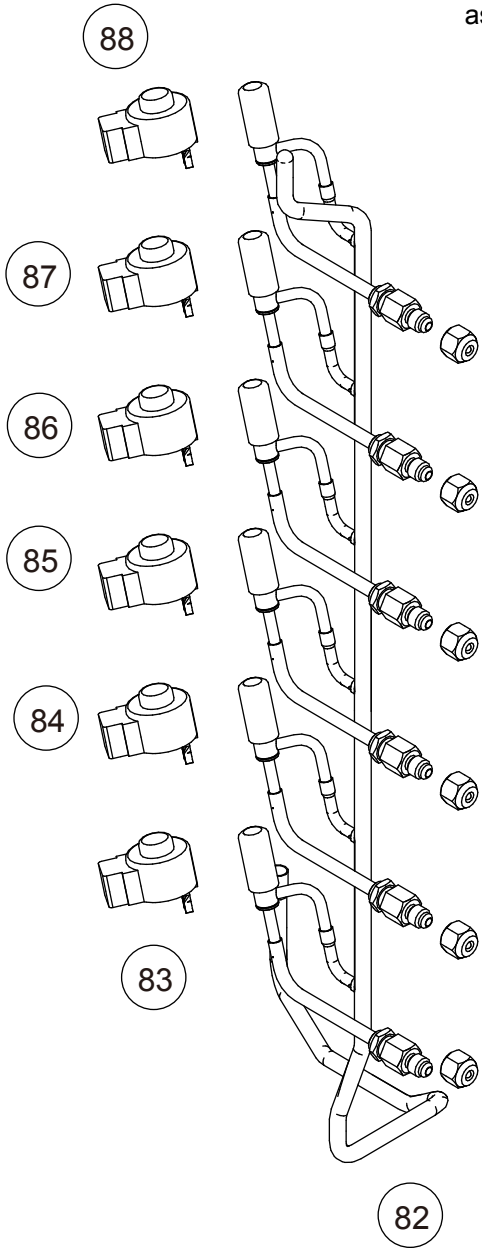
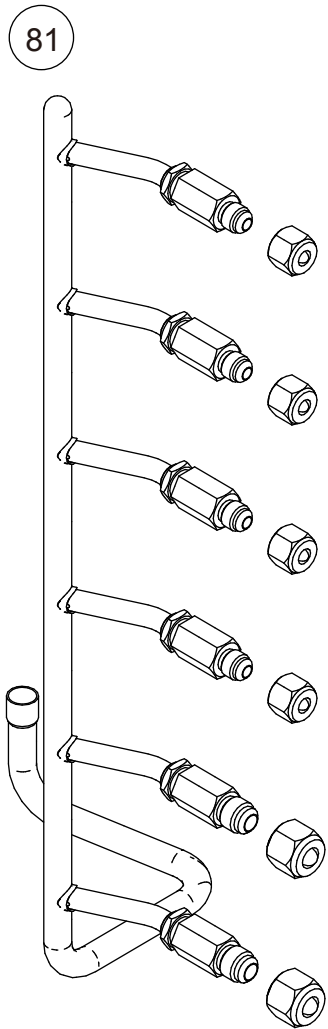
Ref.	Description	Part number	
61	Solenoid	9970110146	
62	4-way Valve Assy	9374425594	
63	Sensor	9970158018	
64	Solenoid	9970165016	
65	Solenoid Valve Assy	9380016038	

OUTDOOR UNIT
AOYG36LBLA5
Valve unit sub assy

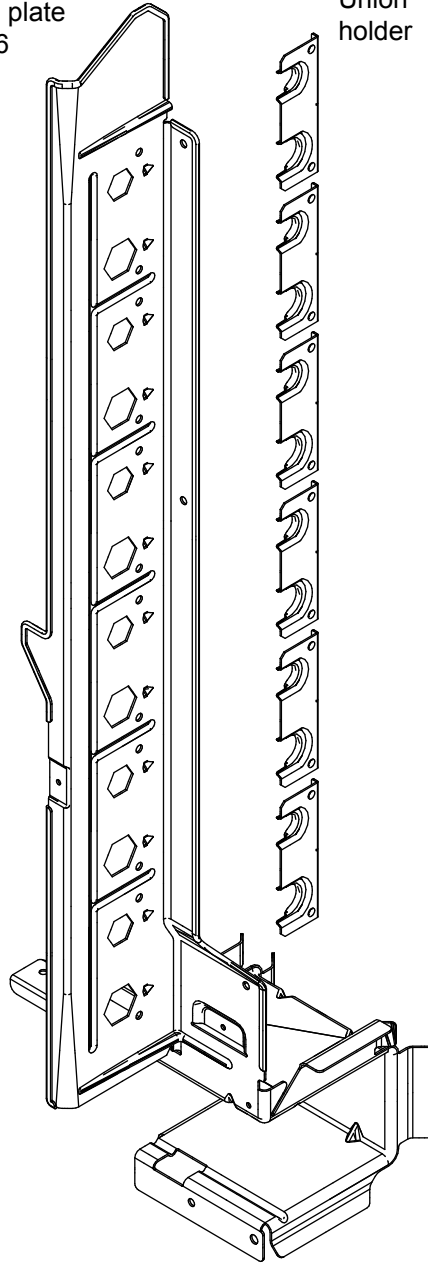


Ref.	Description	Part number
71	Valve Gas Pipe Assy-5	9382236014
72	Valve Liquid Pipe Assy-5	9382235017
73	Expansion Valve Coil A	9970186004
74	Expansion Valve Coil B	9970187001
75	Expansion Valve Coil C	9970186011
76	Expansion Valve Coil D	9970187018
77	Expansion Valve Coil E	9970186028
78	Thermistor BA Assy	9900924010
79	Thermistor DC Assy	9900925017
80	Thermistor E Assy	9900926014

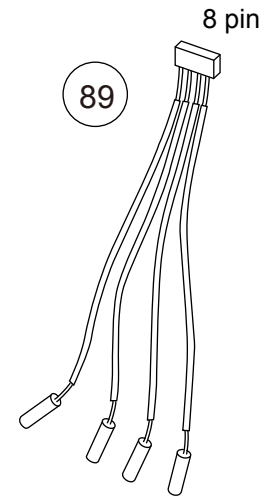
OUTDOOR UNIT
AOYG45LBLA6
Valve unit sub assy



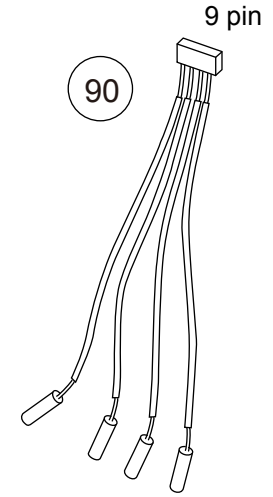
Union plate
assy-6



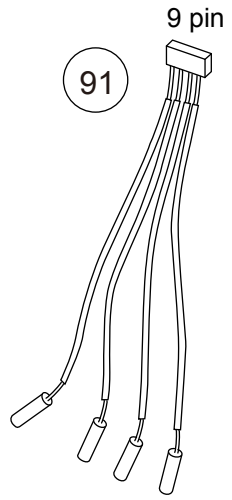
Union
holder



8 pin



9 pin



9 pin

Ref.	Description	Part number
81	Valve Gas Pipe Assy-6	9382236021
82	Valve Liquid Pipe Assy-6	9382235024
83	Expansion Valve Coil A	9970186004
84	Expansion Valve Coil B	9970187001
85	Expansion Valve Coil C	9970186011
86	Expansion Valve Coil D	9970187018
87	Expansion Valve Coil E	9970186028
88	Expansion Valve Coil F	9970187025
89	Thermistor BA Assy	9900924010
90	Thermistor DC Assy	9900925017
91	Thermistor FE Assy	9900939014

PARTS

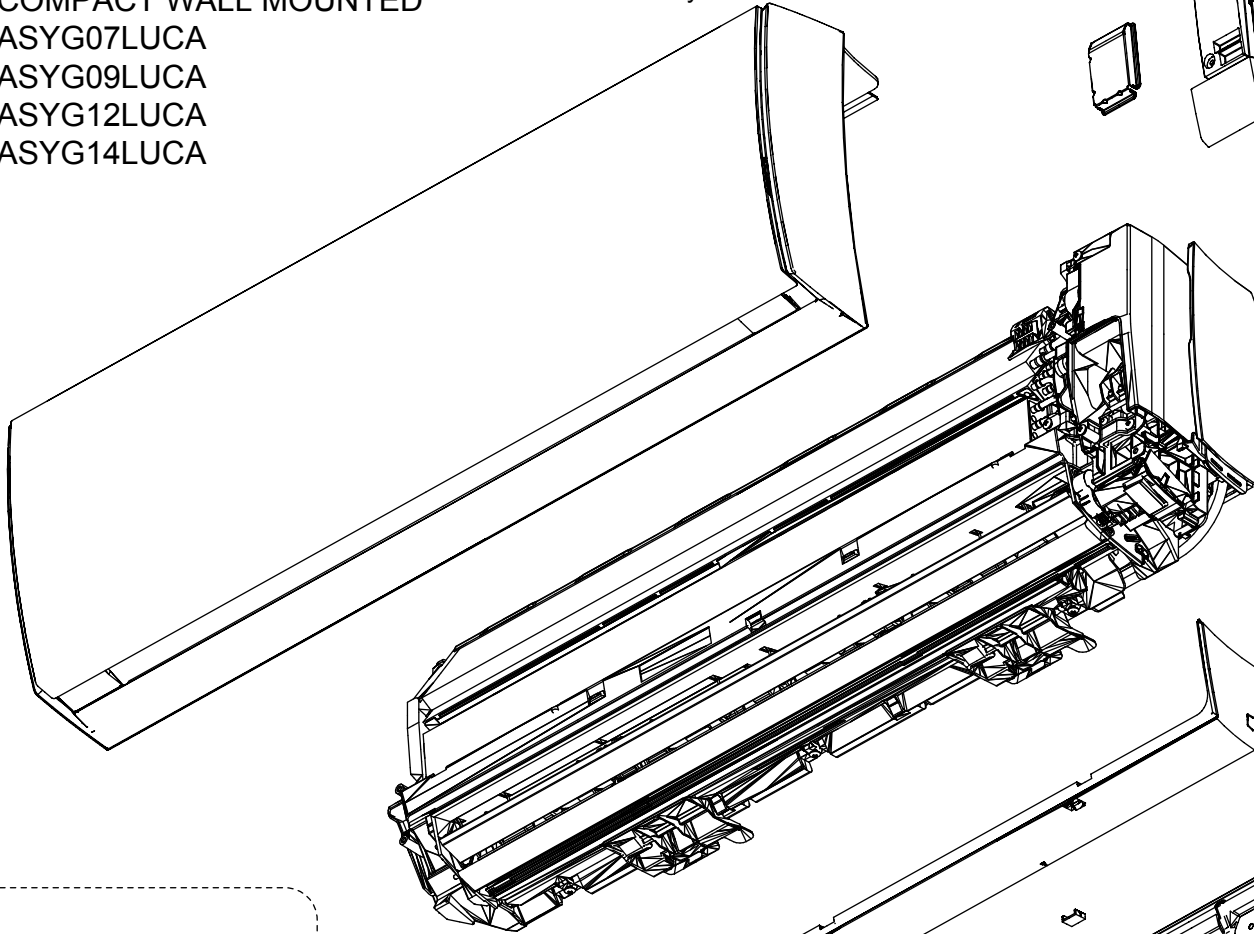
INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

Front panel
 total assy

Wire shield

4

Ref.	Description	Part number
1	Remote Control	9319207018
2	Remote Control Holder	9318912005
3	Air Clean Filter Assy	9317250009
4	Wire Cover	9318911015
5	Under Cover	9318879018
6	Screw Cap	9309002067



Bracket panel

5

3

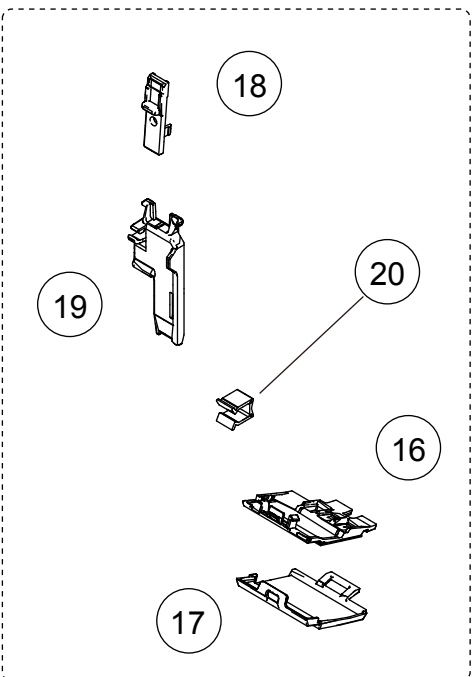
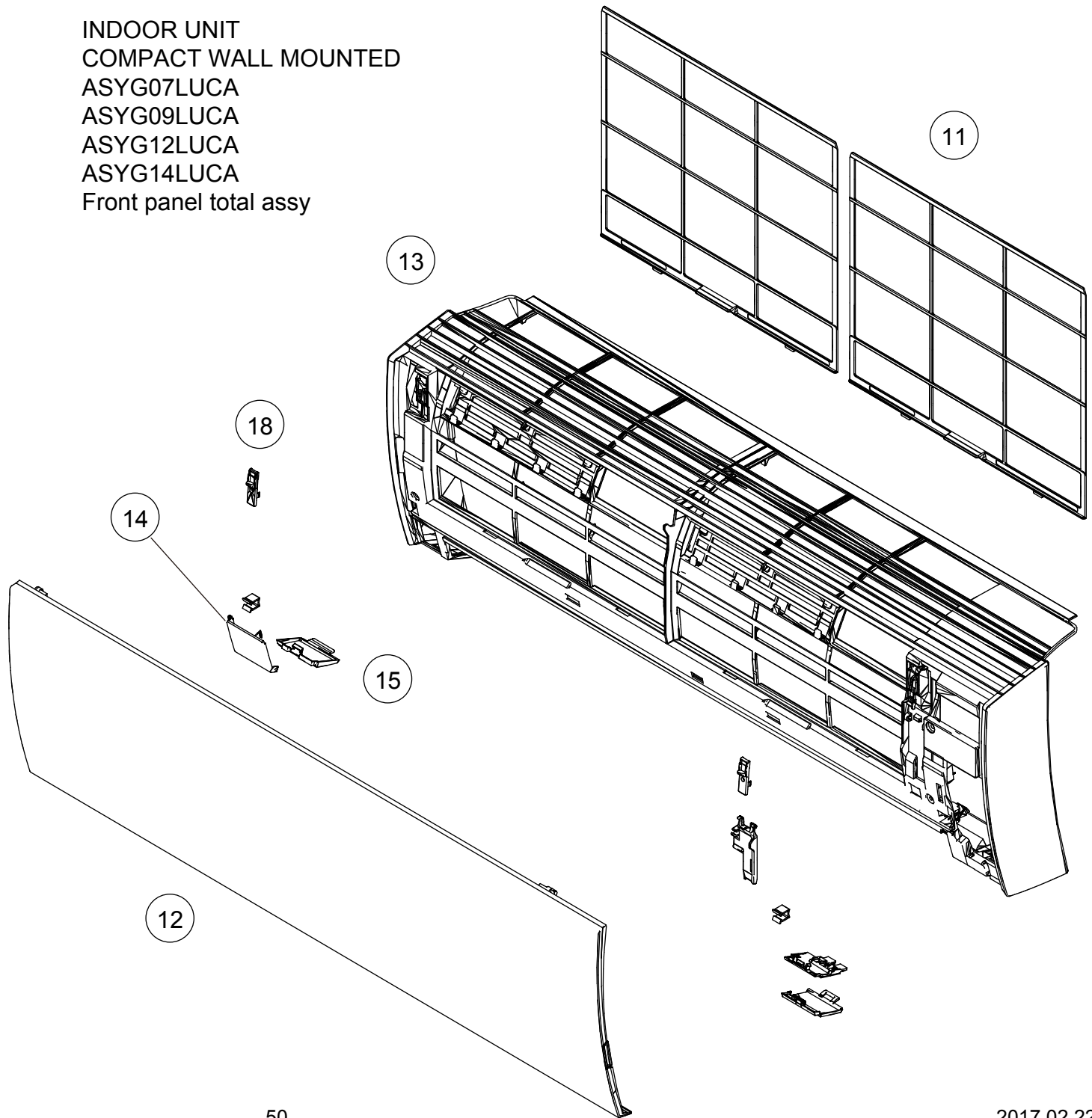
6

1

2

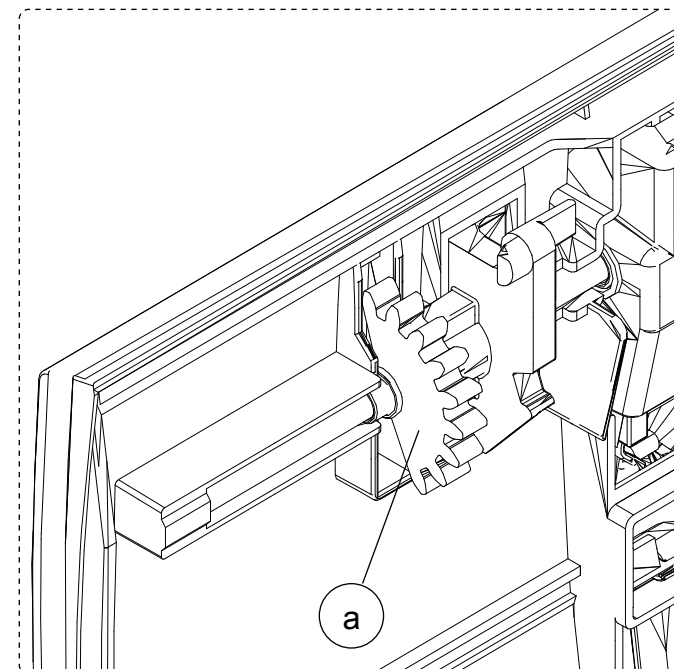
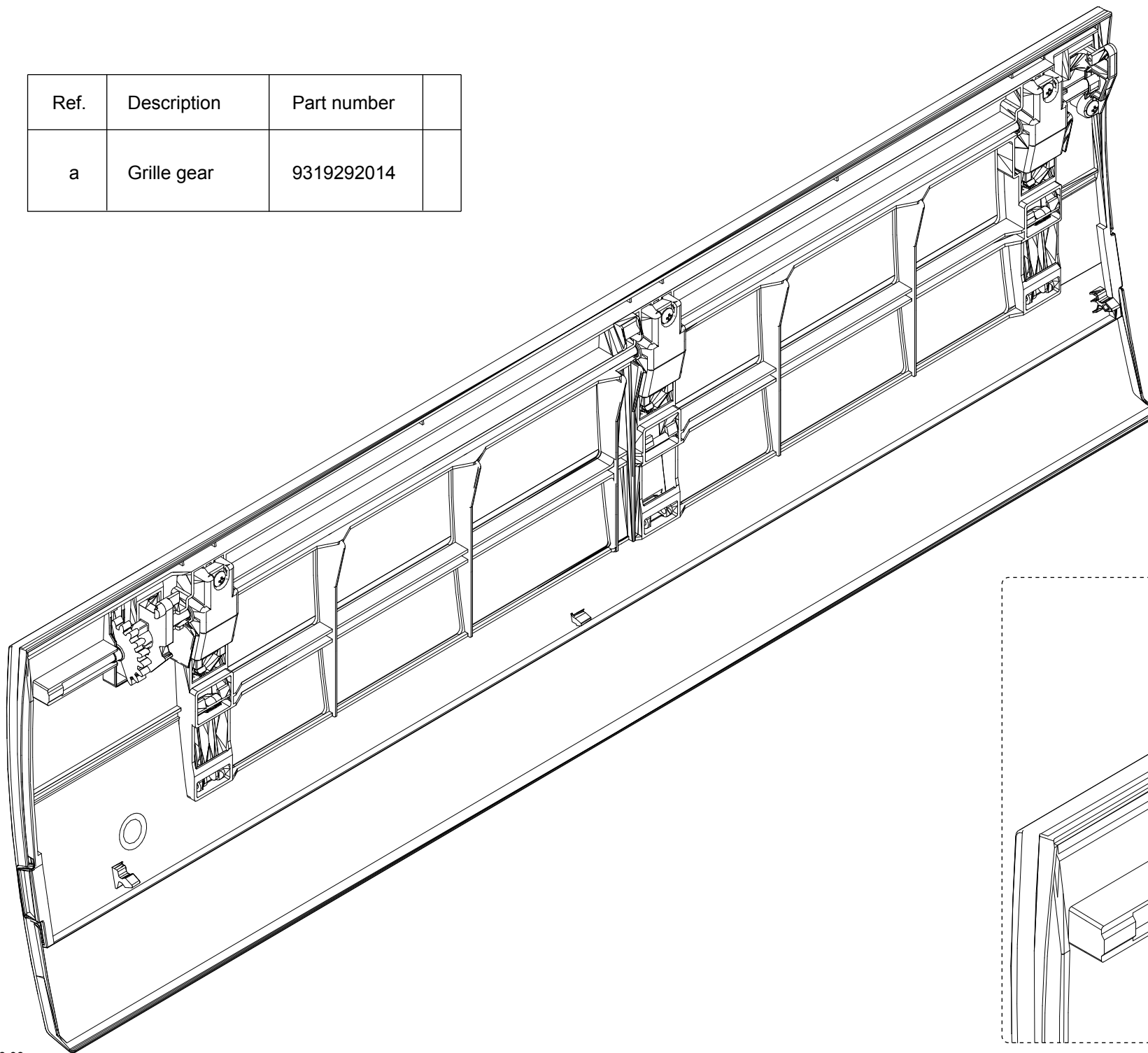
Ref.	Description	Part number
11	Air Filter	9318883015
12	Intake Grille Assy	9319351155
13	Front Panel	9318876000
14	Front Panel Cover U	9318910001
15	Display Plate Holder L	9318894004
16	Display Plate Holder R	9318895001
17	Display Plate R	9318893007
18	Arm Cover	9318900002
19	Grille Stay	9318899016
20	Grille Clamper B	9316951006

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA
 Front panel total assy

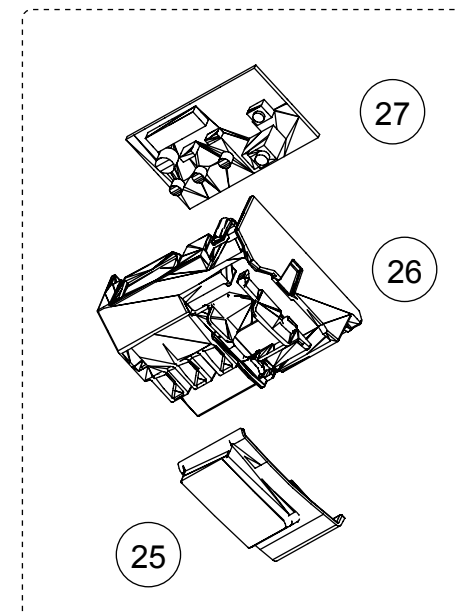
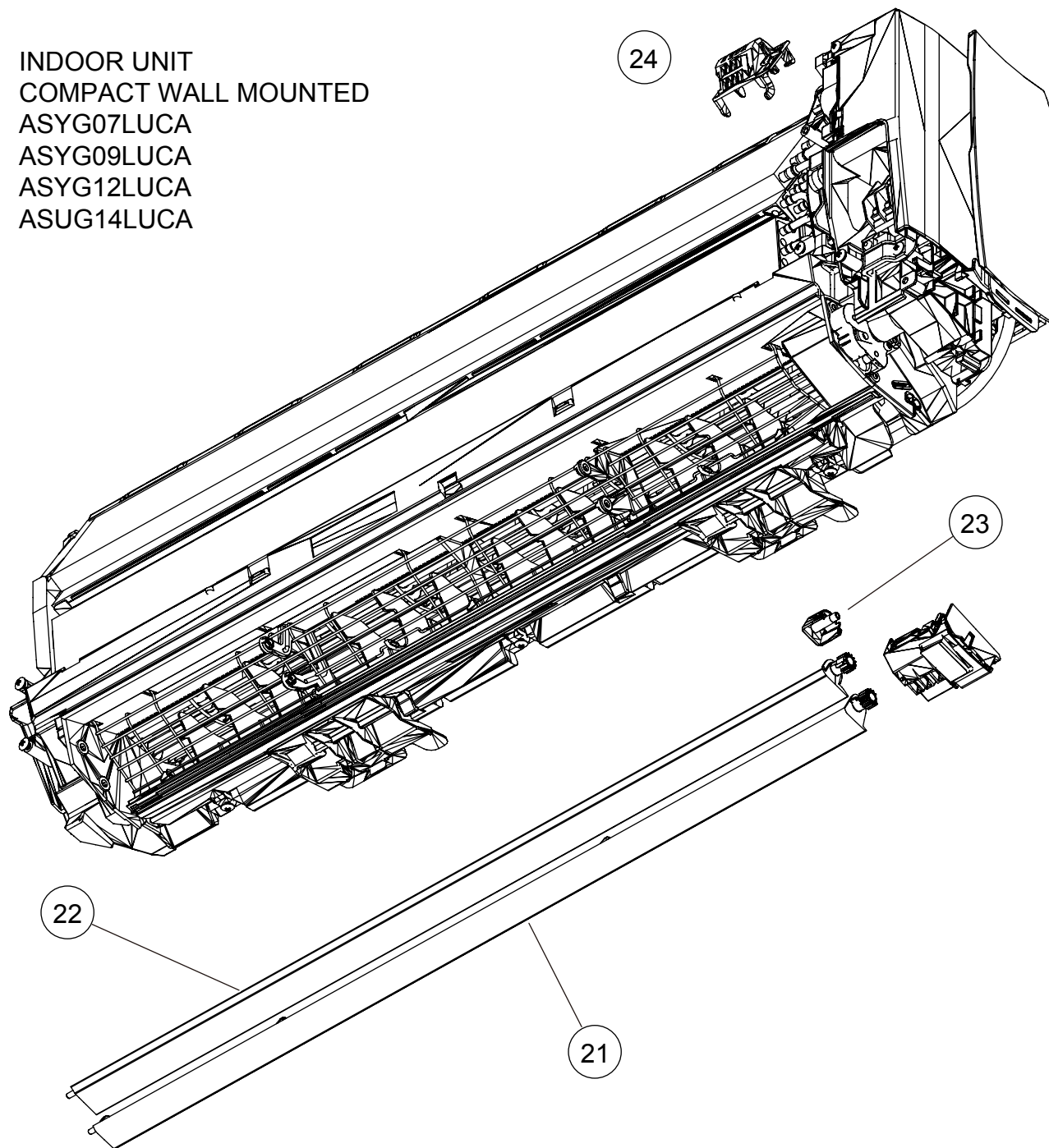


Intake grill assy

Ref.	Description	Part number	
a	Grille gear	9319292014	



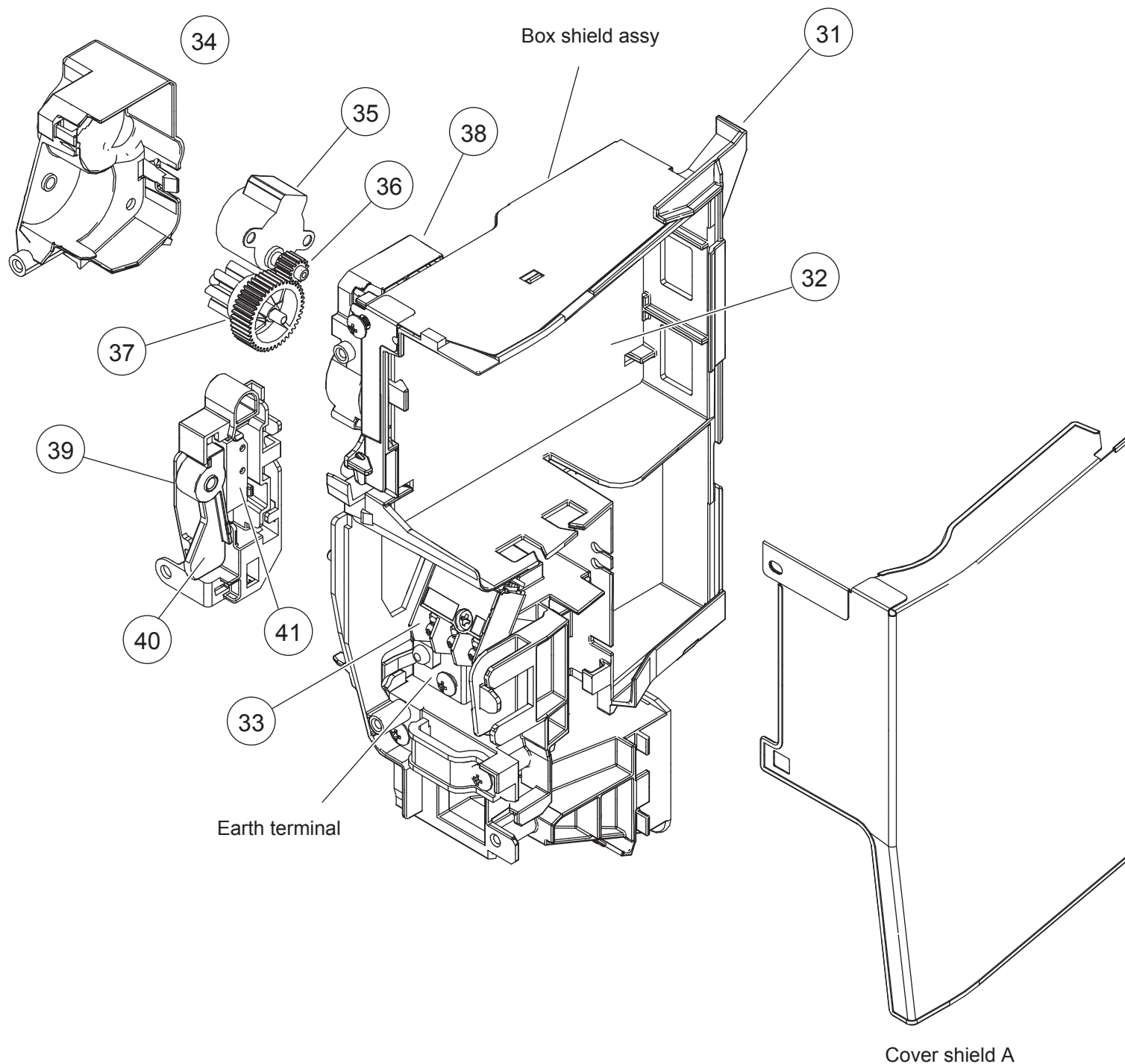
INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASUG14LUCA



Ref.	Description	Part number
21	Louver Z (Lower)	9318881004
22	Louver U (Upper)	9318880007
23	Louver Cover	9319298009
24	Room Thermistor Holder	9319068008
25	Receiver Window	9318891003
26	Display Case	9318906004
27	Indicator PCB	9708824017

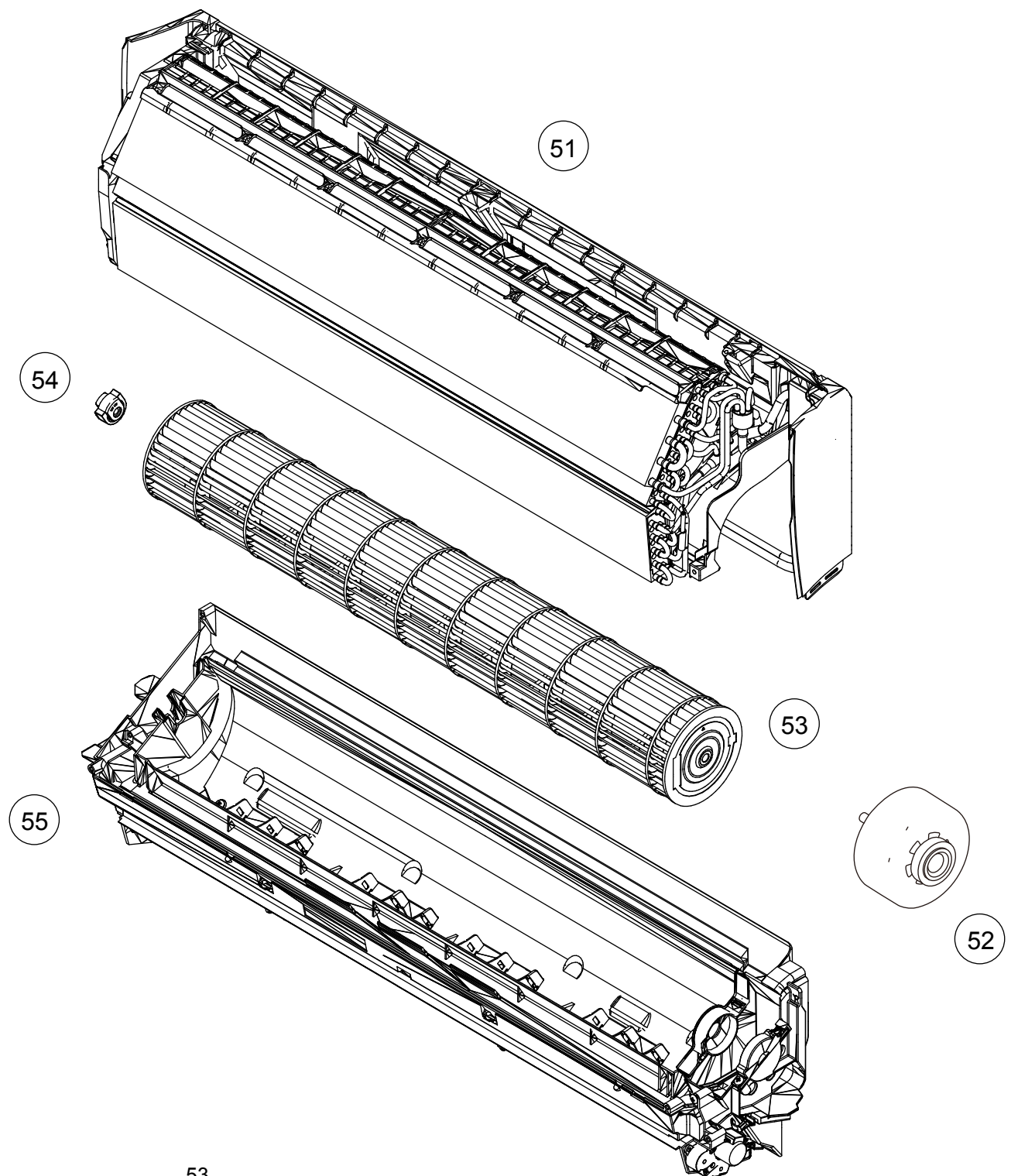
INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA
 Control box

Ref.	Description	Part number
31	Control Box	9318882049
32	Main PCB (07)	9708713281
32	Main PCB (09)	9708713298
32	Main PCB (12)	9708713304
32	Main PCB (14)	9708713311
33	Terminal	9900638009
34	Gear Cover	9318902006
35	Step Motor	9900384166
36	Gear B	9319294001
37	Panel Gear	9319293004
38	Gear Case	9318903003
39	Switch Case	9319332000
40	Grille Key Top	9319334004
41	Micro Switch	9900625009
--	Thermistor Assy	9900627003

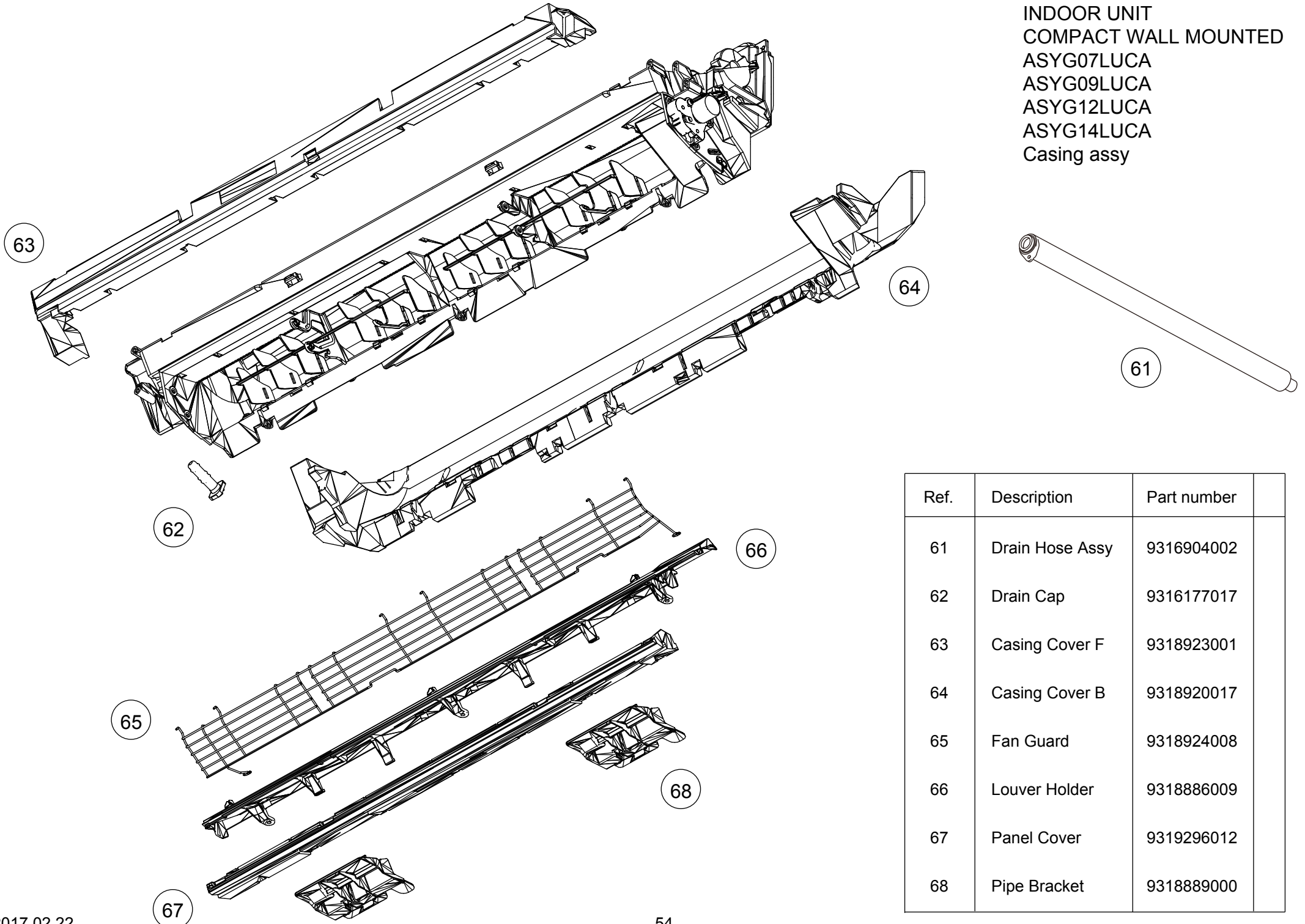


INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

Ref.	Description	Part number
51	Evaporator Total Assy (07,09,12)	9319327136
51	Evaporator Total Assy (14LUCA)	9319327143
52	Fan Motor	9602947003
53	Crossflow Fan Assy	9319361000
54	Bearing C Assy	9306628017
55	Casing Assy	9319342009

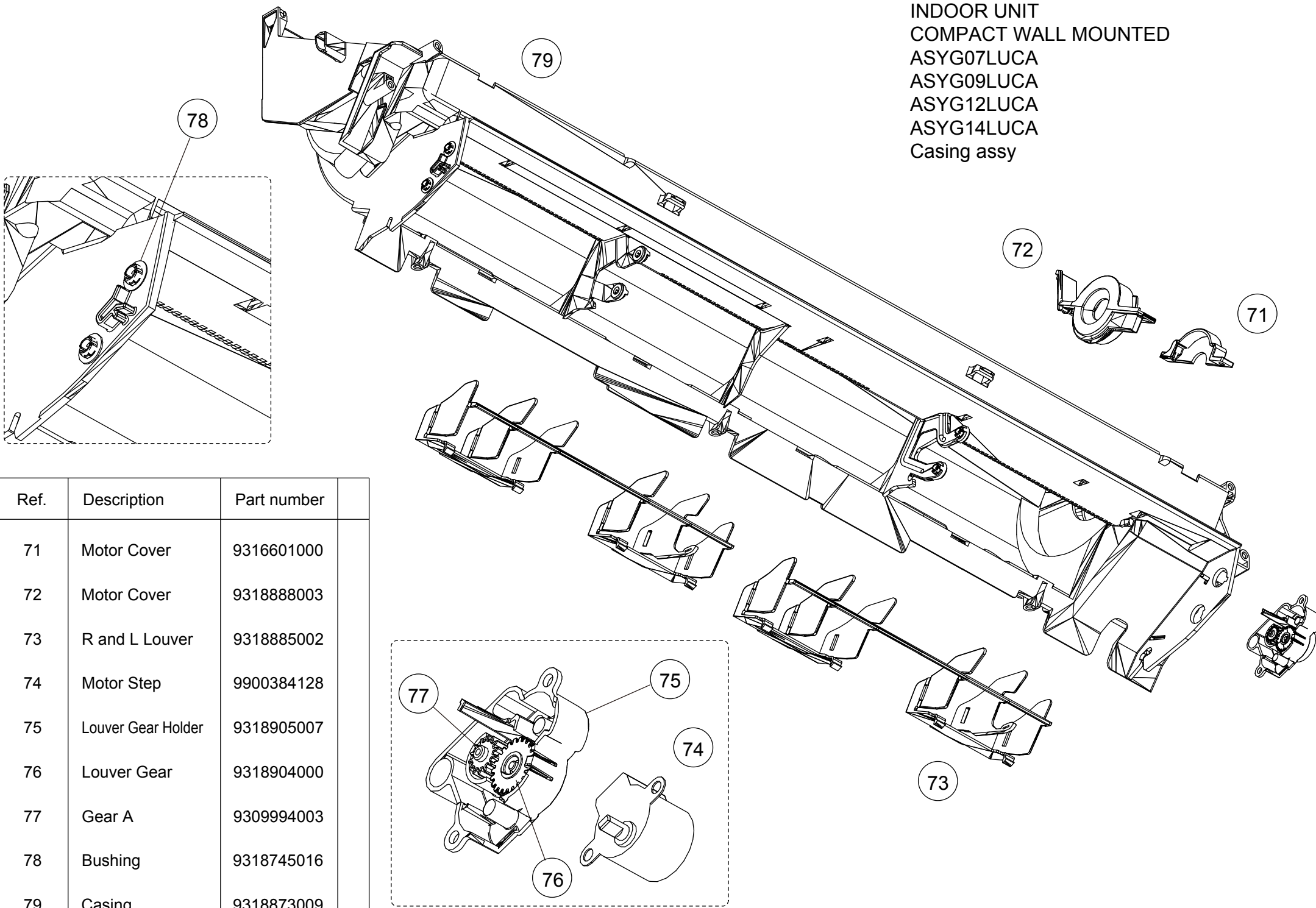


INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA
 Casing assy



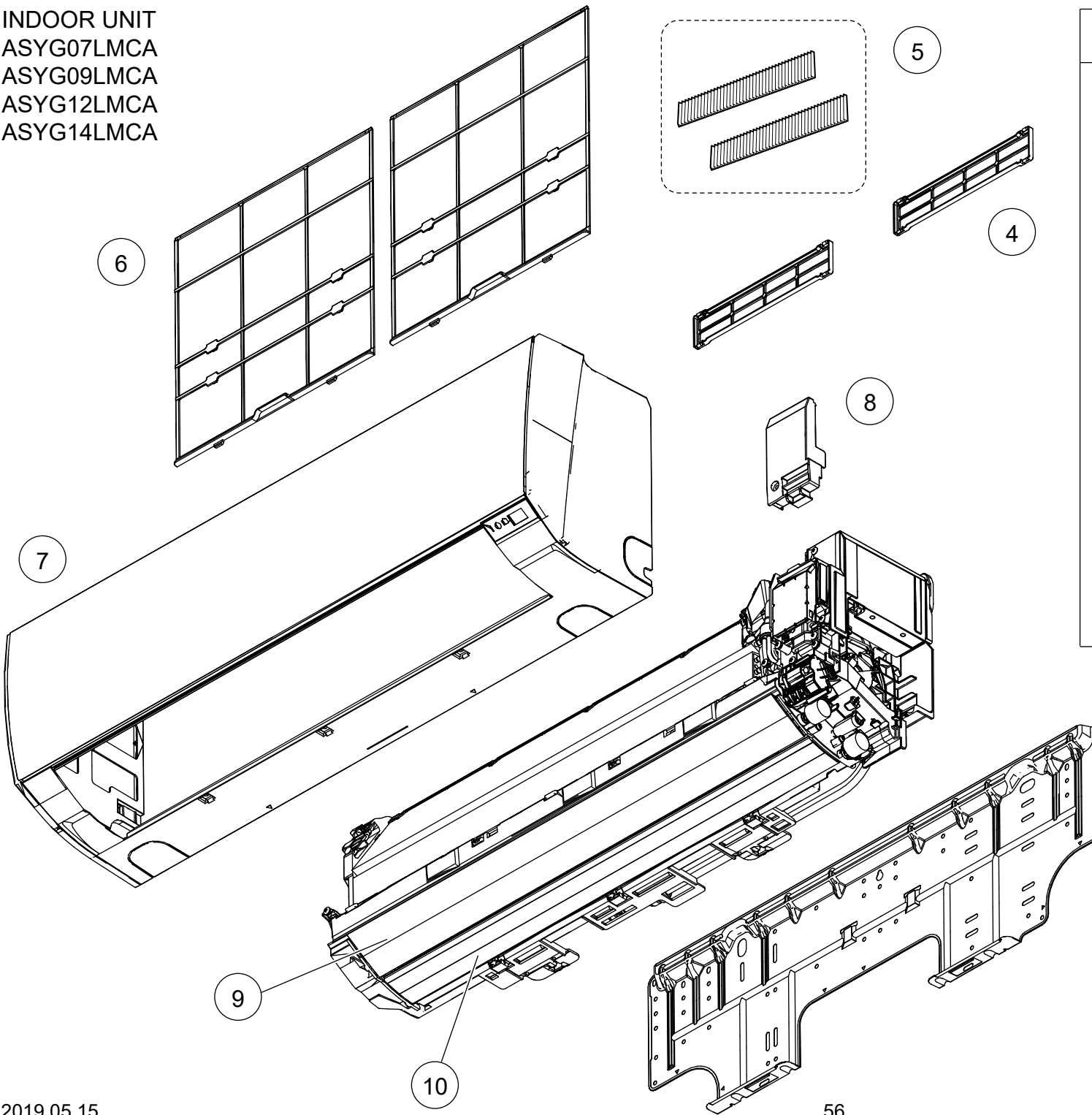
Ref.	Description	Part number	
61	Drain Hose Assy	9316904002	
62	Drain Cap	9316177017	
63	Casing Cover F	9318923001	
64	Casing Cover B	9318920017	
65	Fan Guard	9318924008	
66	Louver Holder	9318886009	
67	Panel Cover	9319296012	
68	Pipe Bracket	9318889000	

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA
 Casing assy

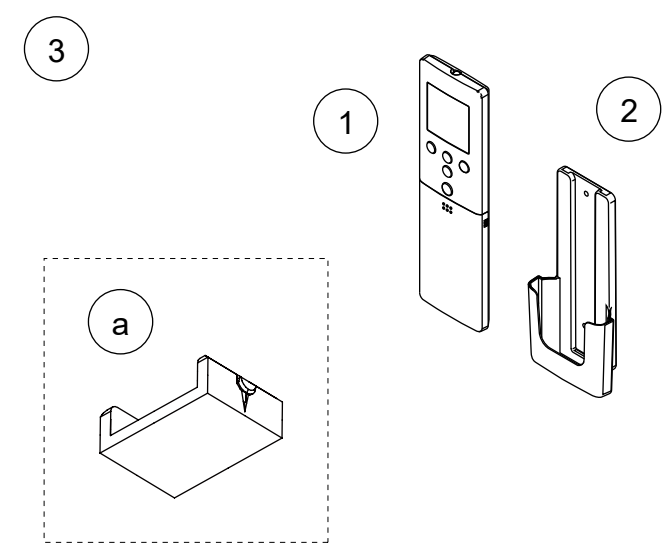


Ref.	Description	Part number
71	Motor Cover	9316601000
72	Motor Cover	9318888003
73	R and L Louver	9318885002
74	Motor Step	9900384128
75	Louver Gear Holder	9318905007
76	Louver Gear	9318904000
77	Gear A	9309994003
78	Bushing	9318745016
79	Casing	9318873009

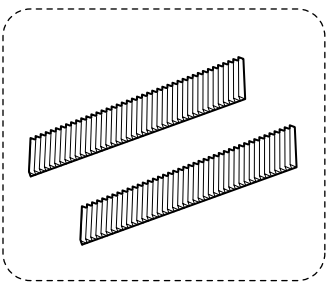
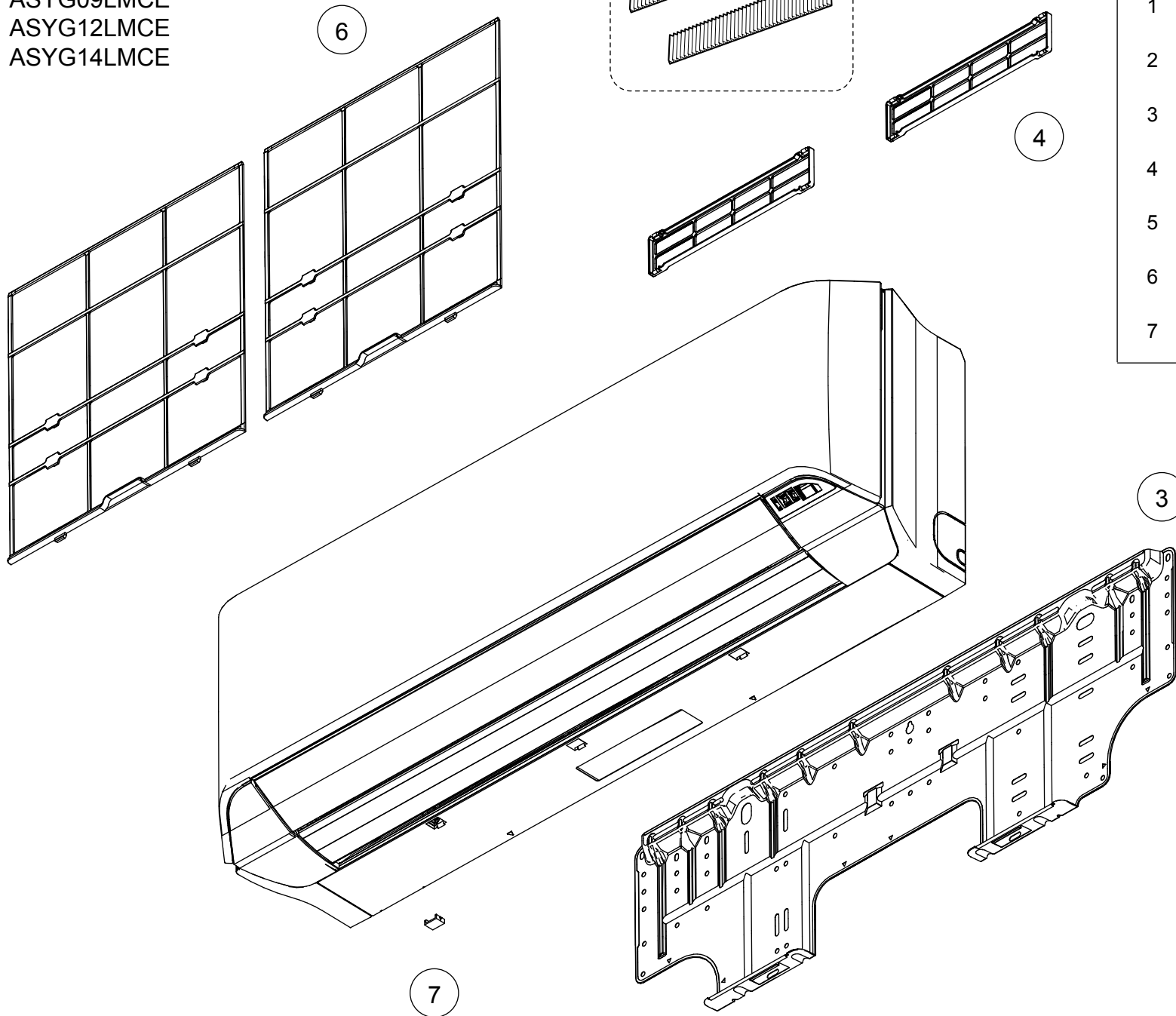
INDOOR UNIT
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA



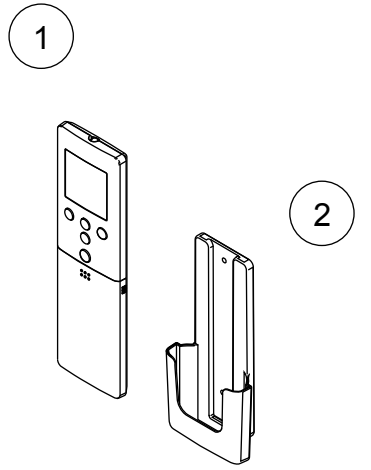
Ref.	Description	Part number
1	Remote Control	9319208008
2	Remote Control Holder	9318912005
3	Bracket Panel	9332882018
4	Electric Filter Holder	9332911008
5	Air Clean Filter Assy	9317250009
6	Air Filter	9332875003
7	Front Panel Sub Assy	9332994001
8	Wire Cover	9332894004
9	Louver with Shaft Cover	9333353005
10	Diffuser Assy	9332998009
a	Screw cap	9309002081



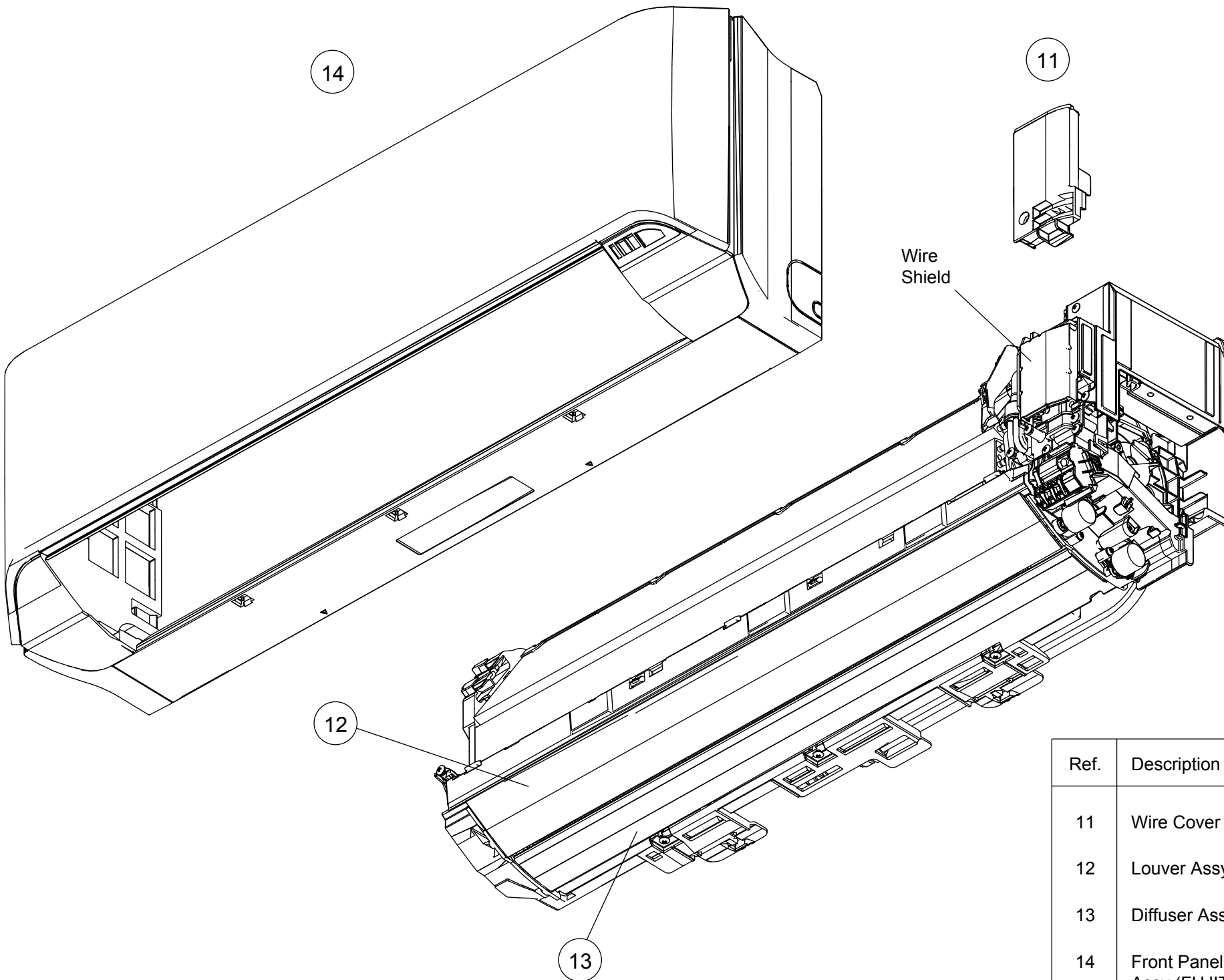
INDOOR UNIT
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE



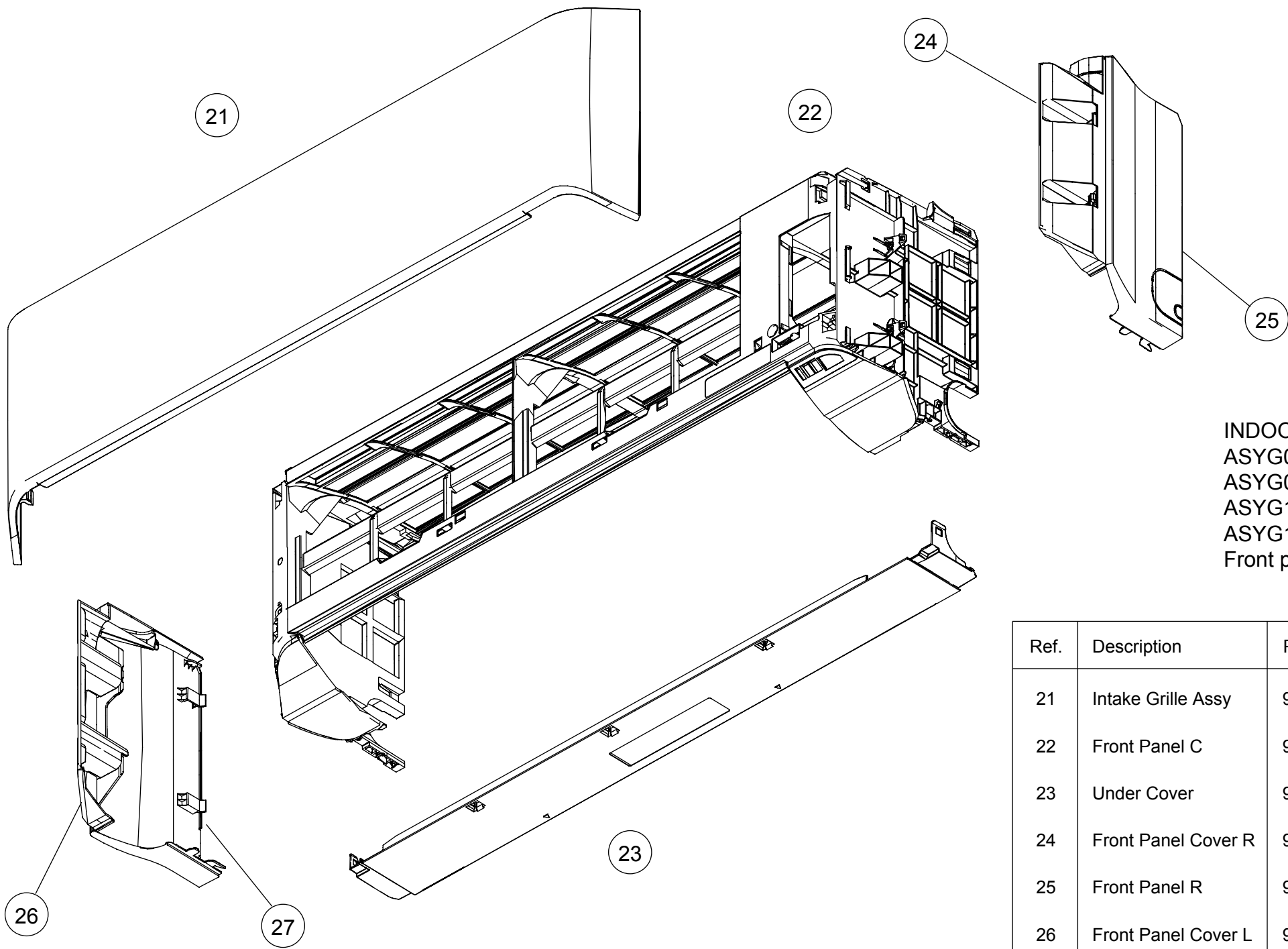
Ref.	Description	Part number
1	Remote Control	9319208008
2	Remote Control Holder	9318912005
3	Bracket Panel	9332882025
4	Electric Filter Holder	9332911008
5	Air Clean Filter Assy	9317250009
6	Air Filter	9332875010
7	Screw Cap	9309002074



INDOOR UNIT
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE

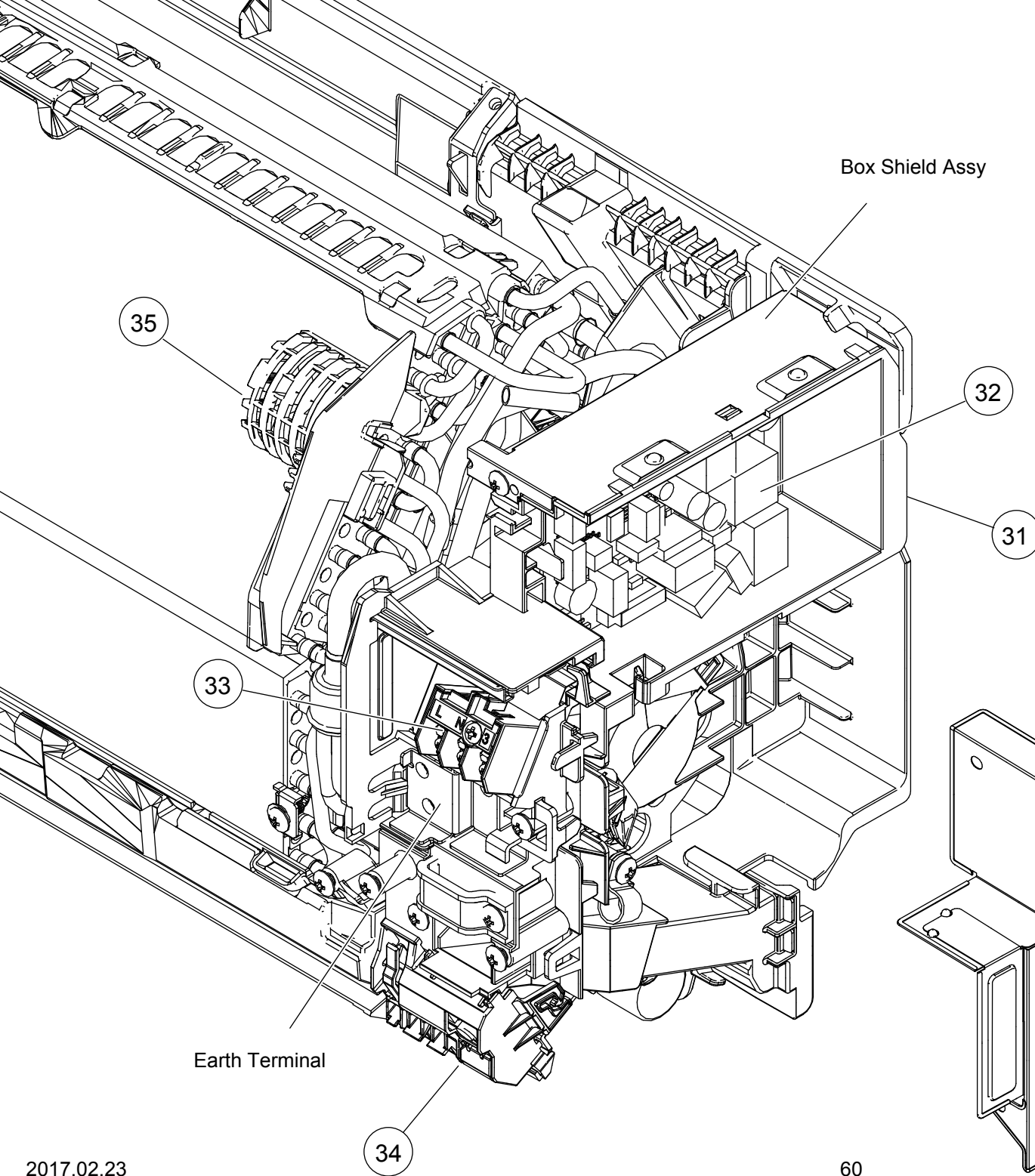


Ref.	Description	Part number
11	Wire Cover	9333504018
12	Louver Assy	9333353043
13	Diffuser Assy	9332998085
14	Front Panel Sub Assy (FUJITSU)	9333525051

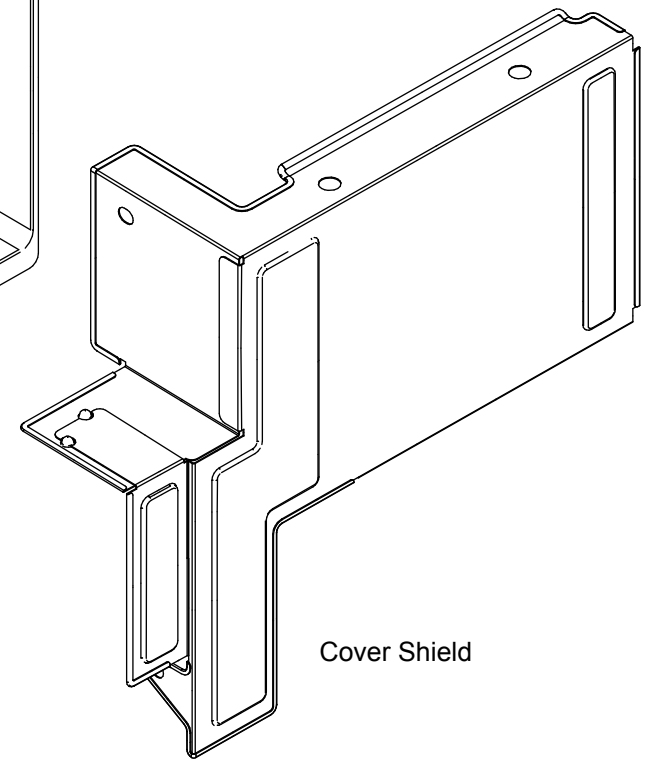


INDOOR UNIT
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE
 Front panel sub assy

Ref.	Description	Part number
21	Intake Grille Assy	9333526010
22	Front Panel C	9333497020
23	Under Cover	9333503011
24	Front Panel Cover R	9333502014
25	Front Panel R	9333500003
26	Front Panel Cover L	9333501017
27	Front Panel L	9333499000

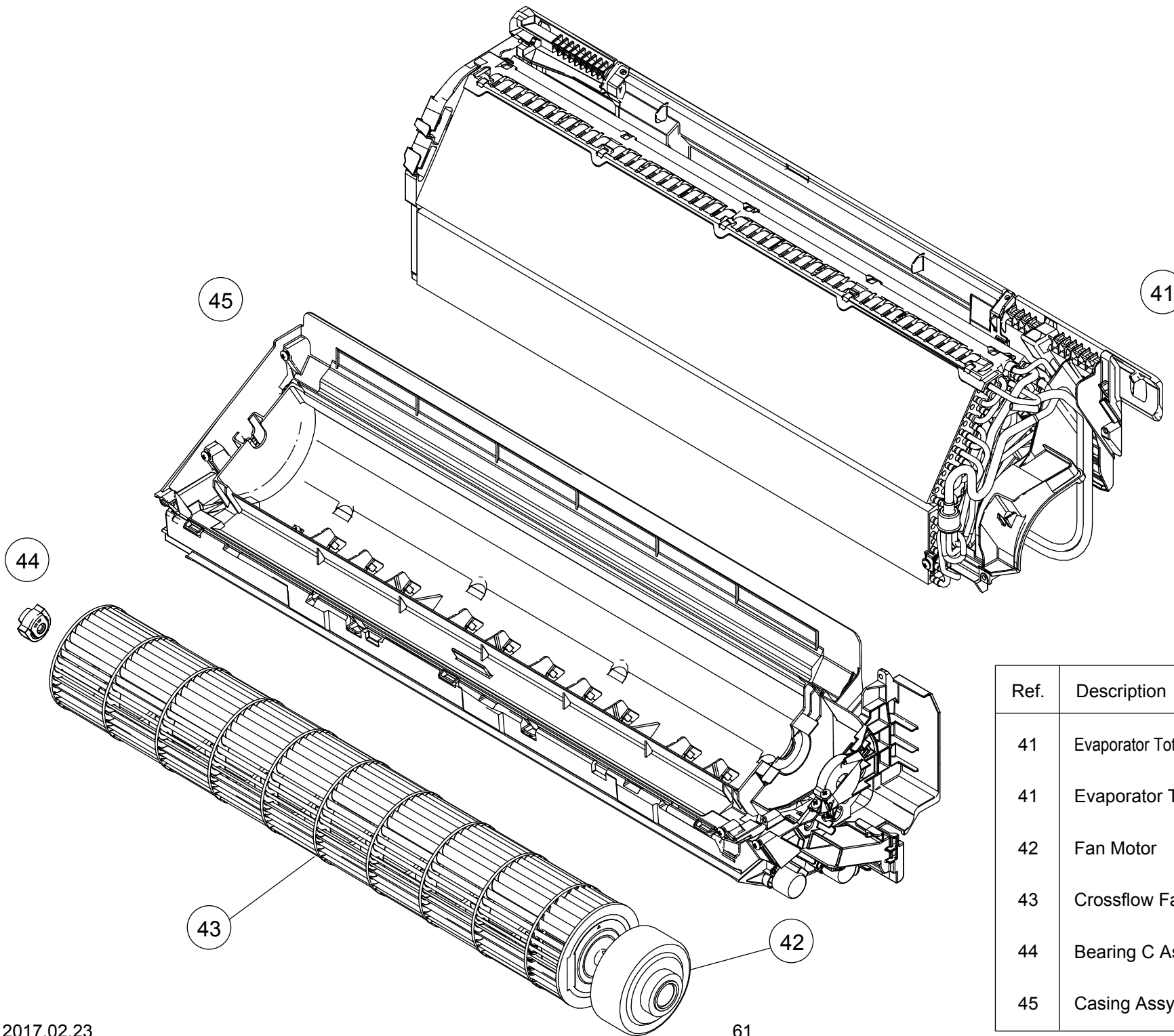


Ref.	Description	Part number
31	Control Box	9332892000
32	Main PCB (ASYG07LMC_)	9709427033
32	Main PCB (ASYG09LMC_)	9709427019
32	Main PCB (ASYG12LMC_)	9709427026
32	Main PCB (ASYG14LMC_)	9709427040
33	Terminal	9900720001
34	Display Assy	9709430019
35	Room Thermistor Holder	9332868005
--	Thermistor Assy	9900930011



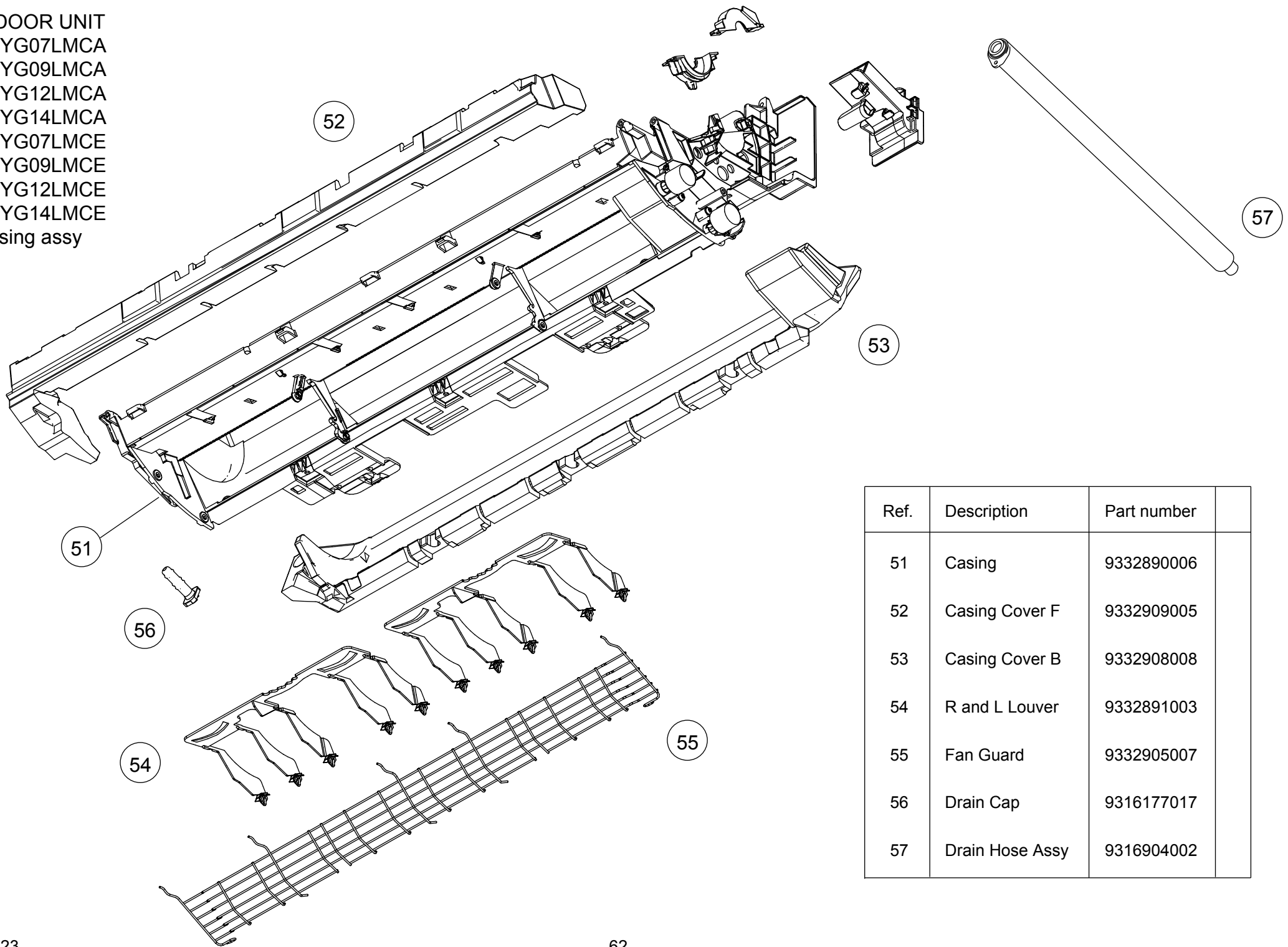
INDOOR UNIT
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE
 Control box

INDOOR UNIT
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE
 Evaporator
 Fan



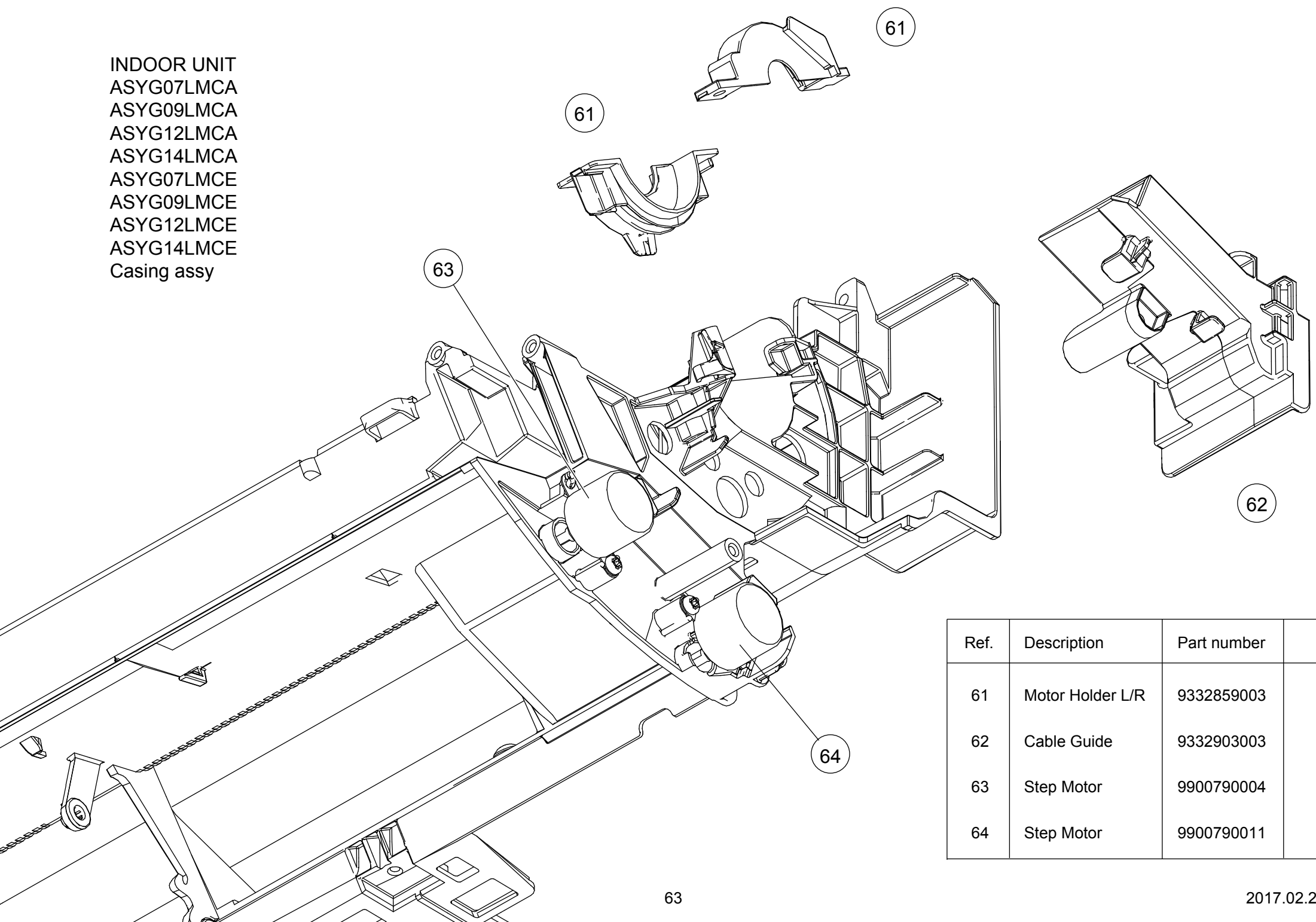
Ref.	Description	Part number
41	Evaporator Total Assy (07,09,12)	9332989090
41	Evaporator Total Assy (14)	9332989113
42	Fan Motor	9603269005
43	Crossflow Fan Assy	9316830004
44	Bearing C Assy	9306628017
45	Casing Assy	9333009001

INDOOR UNIT
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE
 Casing assy



Ref.	Description	Part number
51	Casing	9332890006
52	Casing Cover F	9332909005
53	Casing Cover B	9332908008
54	R and L Louver	9332891003
55	Fan Guard	9332905007
56	Drain Cap	9316177017
57	Drain Hose Assy	9316904002

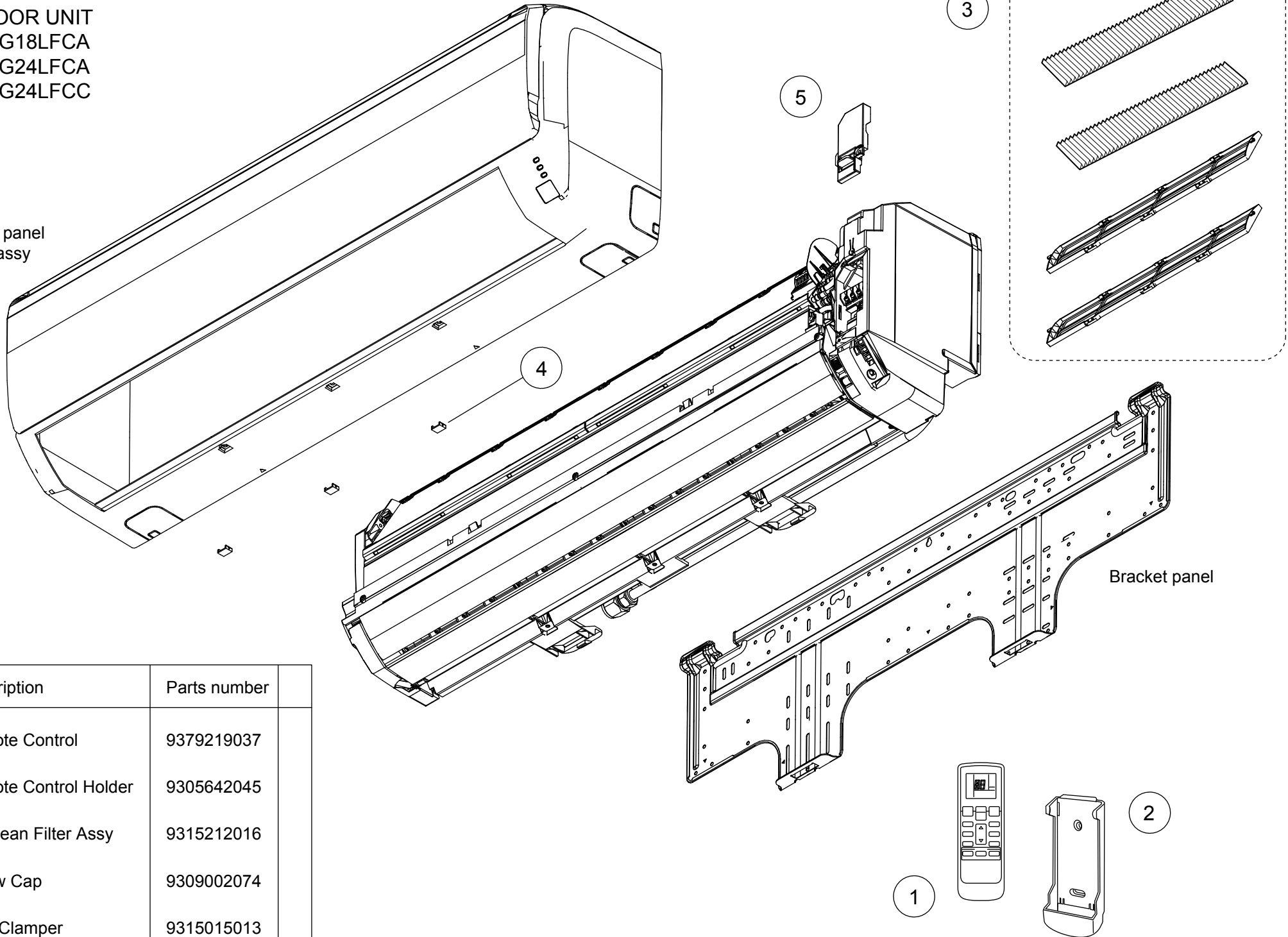
INDOOR UNIT
 ASYG07LMCA
 ASYG09LMCA
 ASYG12LMCA
 ASYG14LMCA
 ASYG07LMCE
 ASYG09LMCE
 ASYG12LMCE
 ASYG14LMCE
 Casing assy



Ref.	Description	Part number
61	Motor Holder L/R	9332859003
62	Cable Guide	9332903003
63	Step Motor	9900790004
64	Step Motor	9900790011

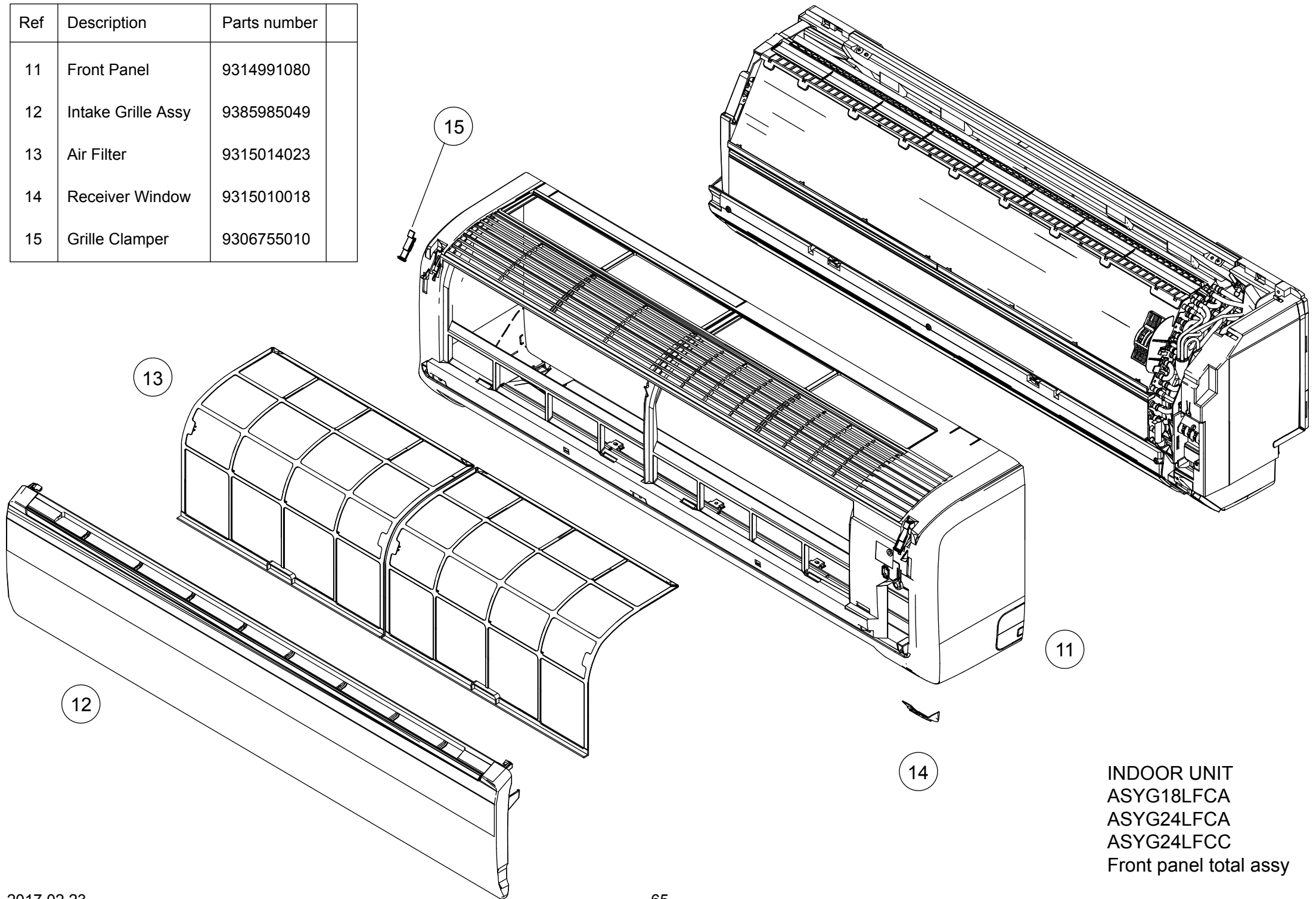
INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC

Front panel
 total assy



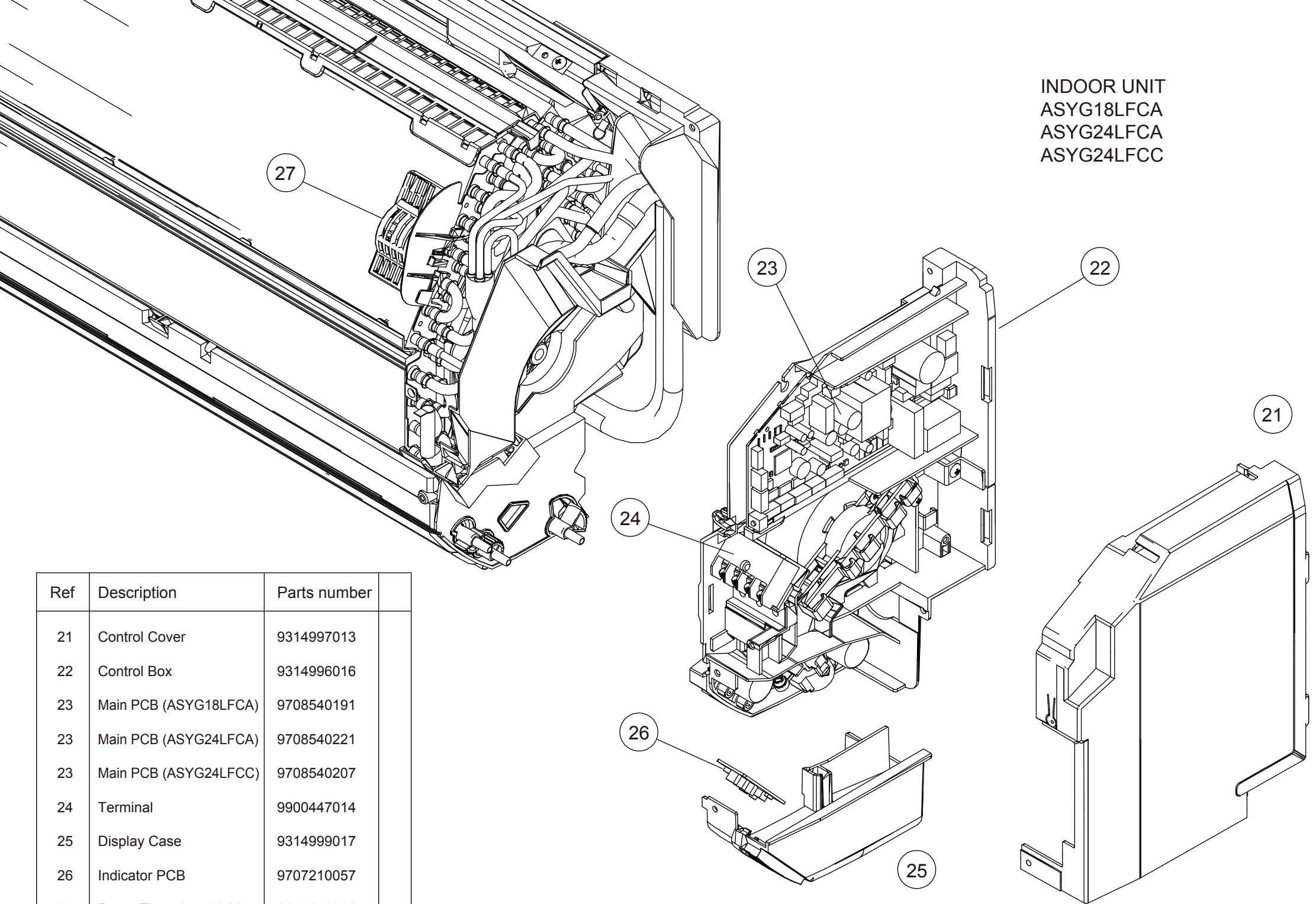
Ref	Description	Parts number
1	Remote Control	9379219037
2	Remote Control Holder	9305642045
3	Air Clean Filter Assy	9315212016
4	Screw Cap	9309002074
5	Wire Clamper	9315015013

Ref	Description	Parts number
11	Front Panel	9314991080
12	Intake Grille Assy	9385985049
13	Air Filter	9315014023
14	Receiver Window	9315010018
15	Grille Clamper	9306755010



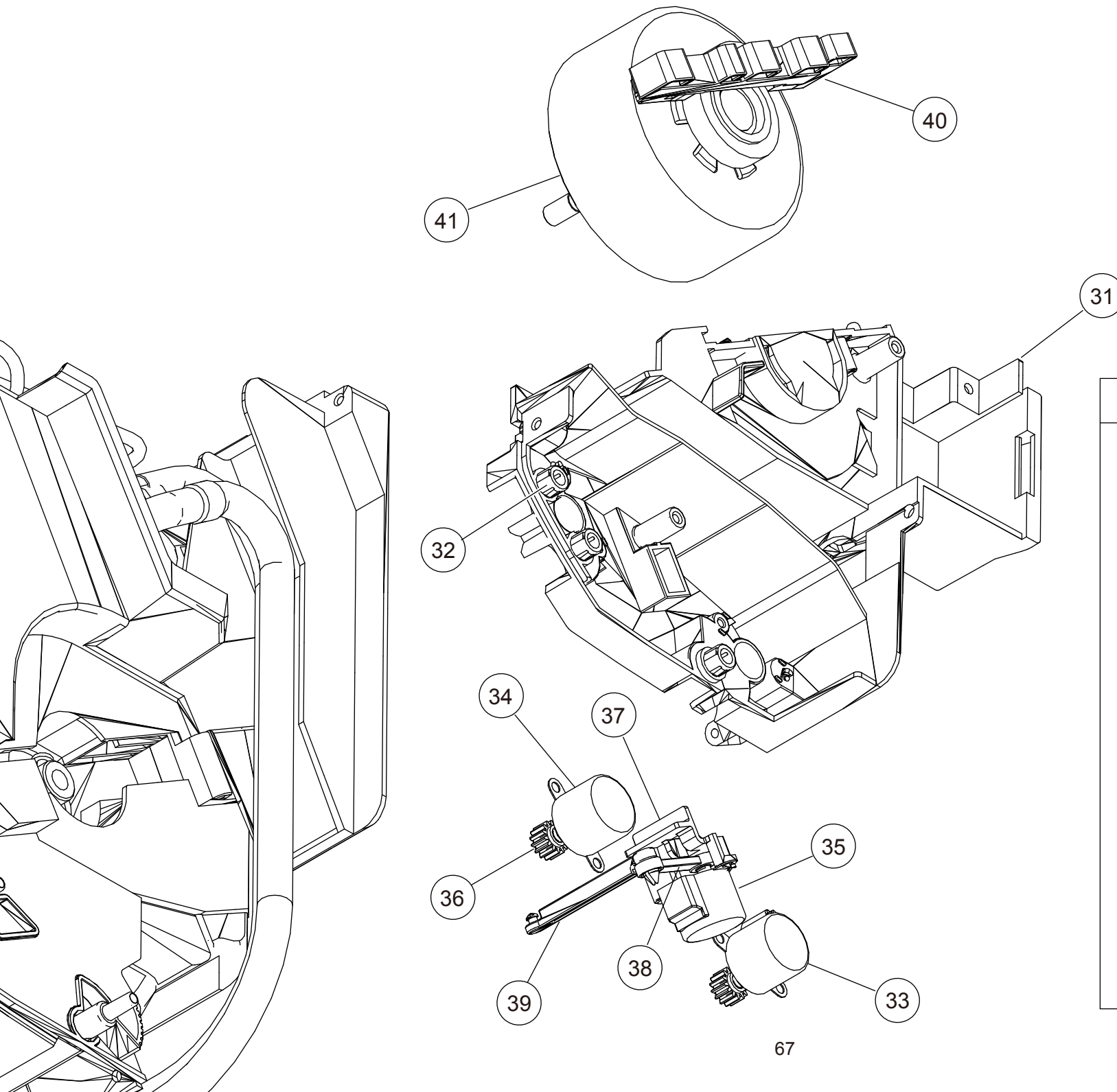
INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC
 Front panel total assy

INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC



Ref	Description	Parts number
21	Control Cover	9314997013
22	Control Box	9314996016
23	Main PCB (ASYG18LFCA)	9708540191
23	Main PCB (ASYG24LFCA)	9708540221
23	Main PCB (ASYG24LFCC)	9708540207
24	Terminal	9900447014
25	Display Case	9314999017
26	Indicator PCB	9707210057
27	Room Thermistor Holder	9315252012

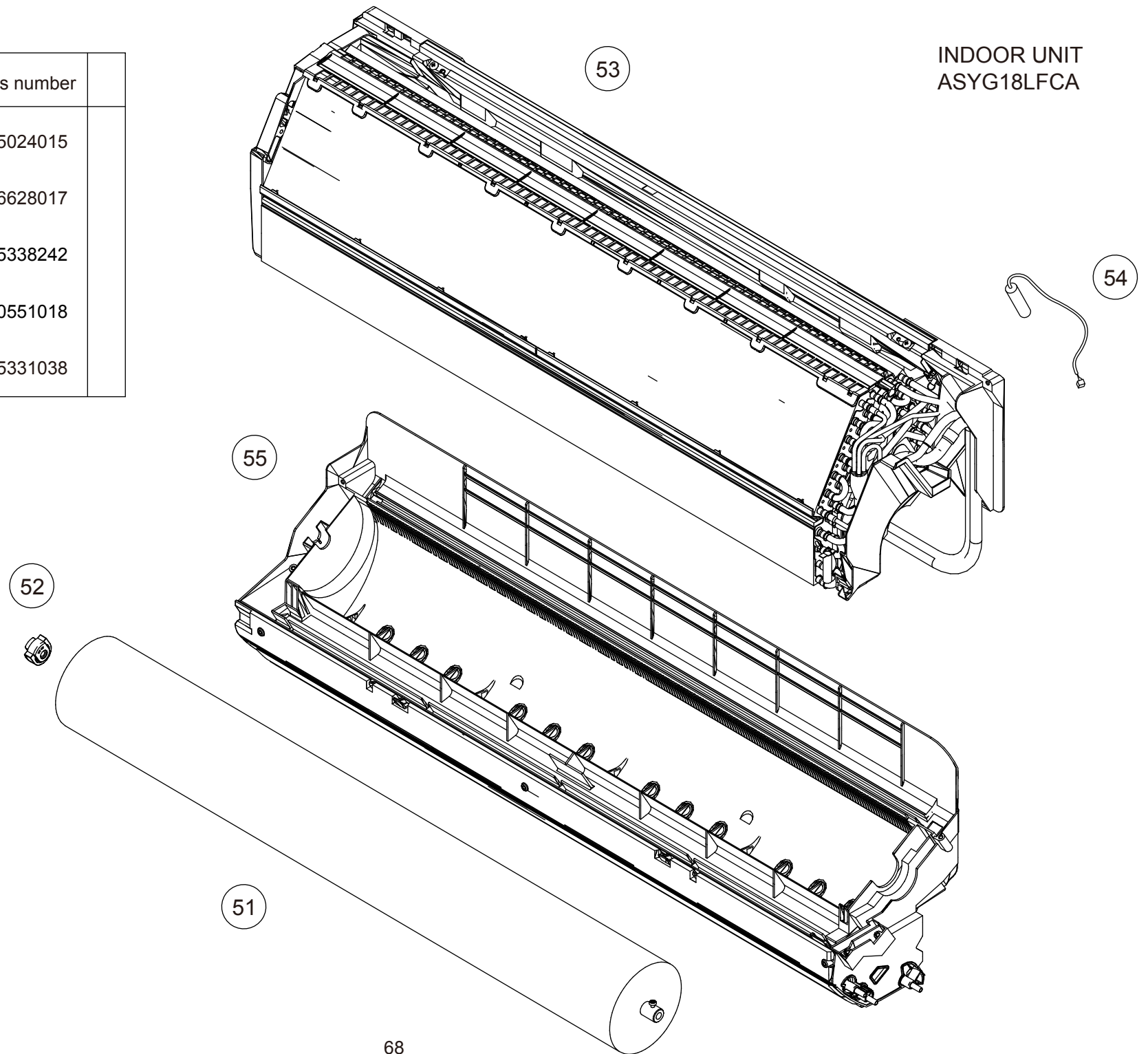
INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC



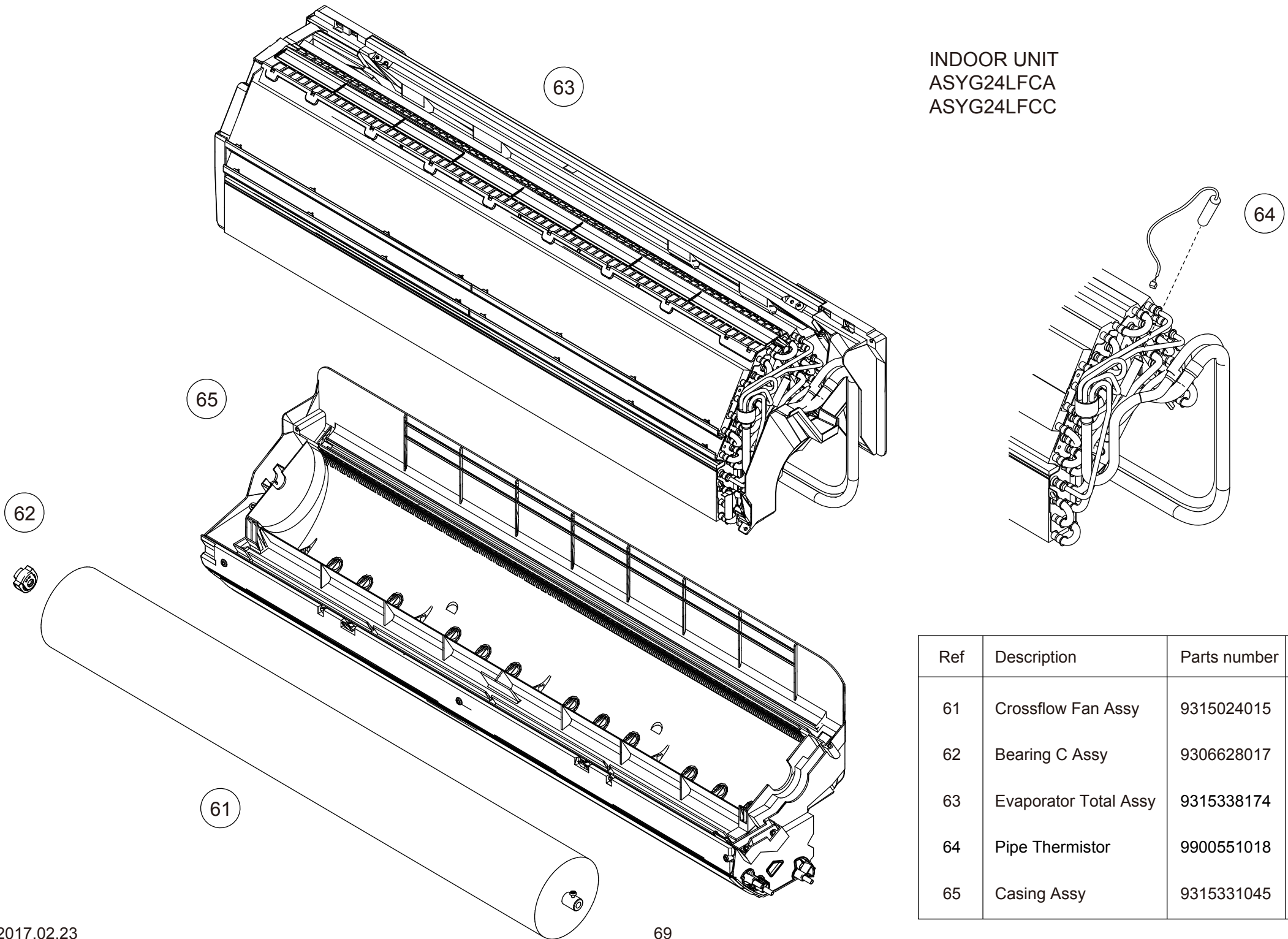
Ref	Description	Parts number
31	Motor Case	9314998034
32	Bush B	9312156016
33	Motor Step (Red)	9900384029
34	Motor Step (Green)	9900384036
35	Motor Step (Blue)	9900139063
36	Gear A	9309994003
37	Link Holder	9315007018
38	Link A	9315008015
39	Joint A	9315005014
40	Motor Clamber	9315012012
41	Fan Motor (__LFCA)	9602784004
41	Fan Motor (24LFCC)	9602703012

Ref	Description	Parts number
51	Crossflow Fan Assy	9315024015
52	Bearing C Assy	9306628017
53	Evaporator Total Assy	9315338242
54	Pipe Thermistor	9900551018
55	Casing Assy	9315331038

INDOOR UNIT
ASYG18LFCA

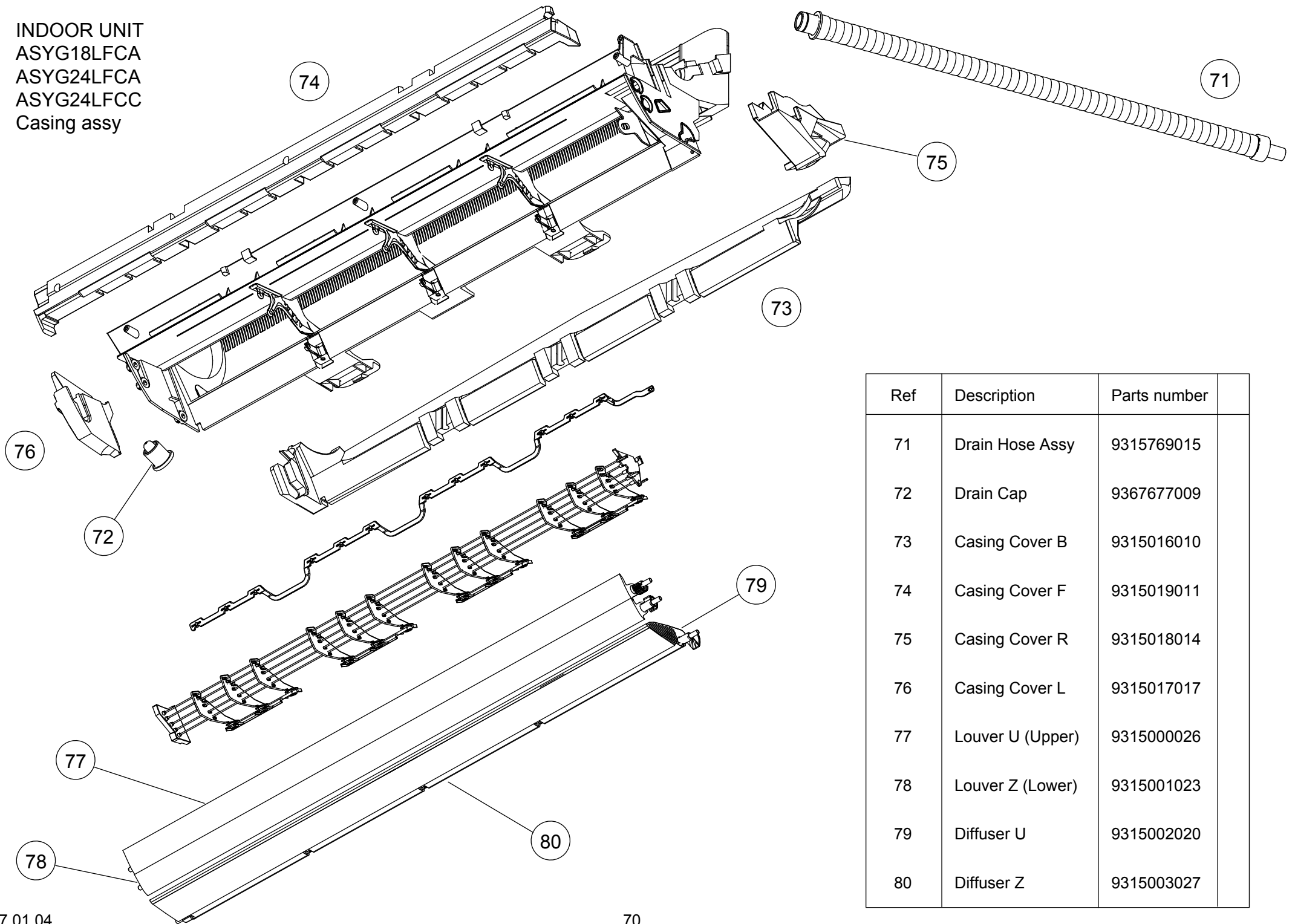


INDOOR UNIT
 ASYG24LFCA
 ASYG24LFCC

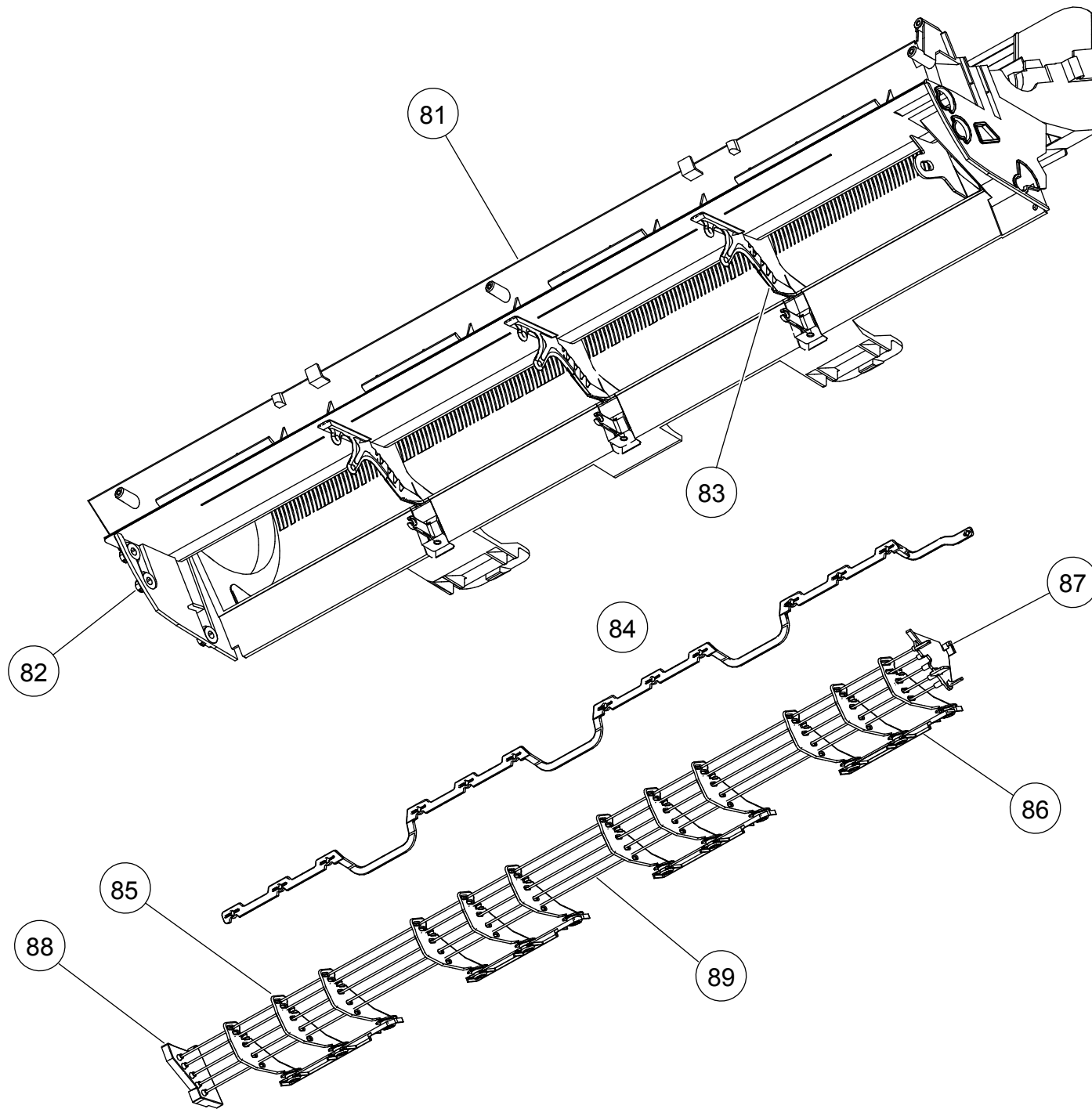


Ref	Description	Parts number
61	Crossflow Fan Assy	9315024015
62	Bearing C Assy	9306628017
63	Evaporator Total Assy	9315338174
64	Pipe Thermistor	9900551018
65	Casing Assy	9315331045

INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC
 Casing assy



Ref	Description	Parts number
71	Drain Hose Assy	9315769015
72	Drain Cap	9367677009
73	Casing Cover B	9315016010
74	Casing Cover F	9315019011
75	Casing Cover R	9315018014
76	Casing Cover L	9315017017
77	Louver U (Upper)	9315000026
78	Louver Z (Lower)	9315001023
79	Diffuser U	9315002020
80	Diffuser Z	9315003027

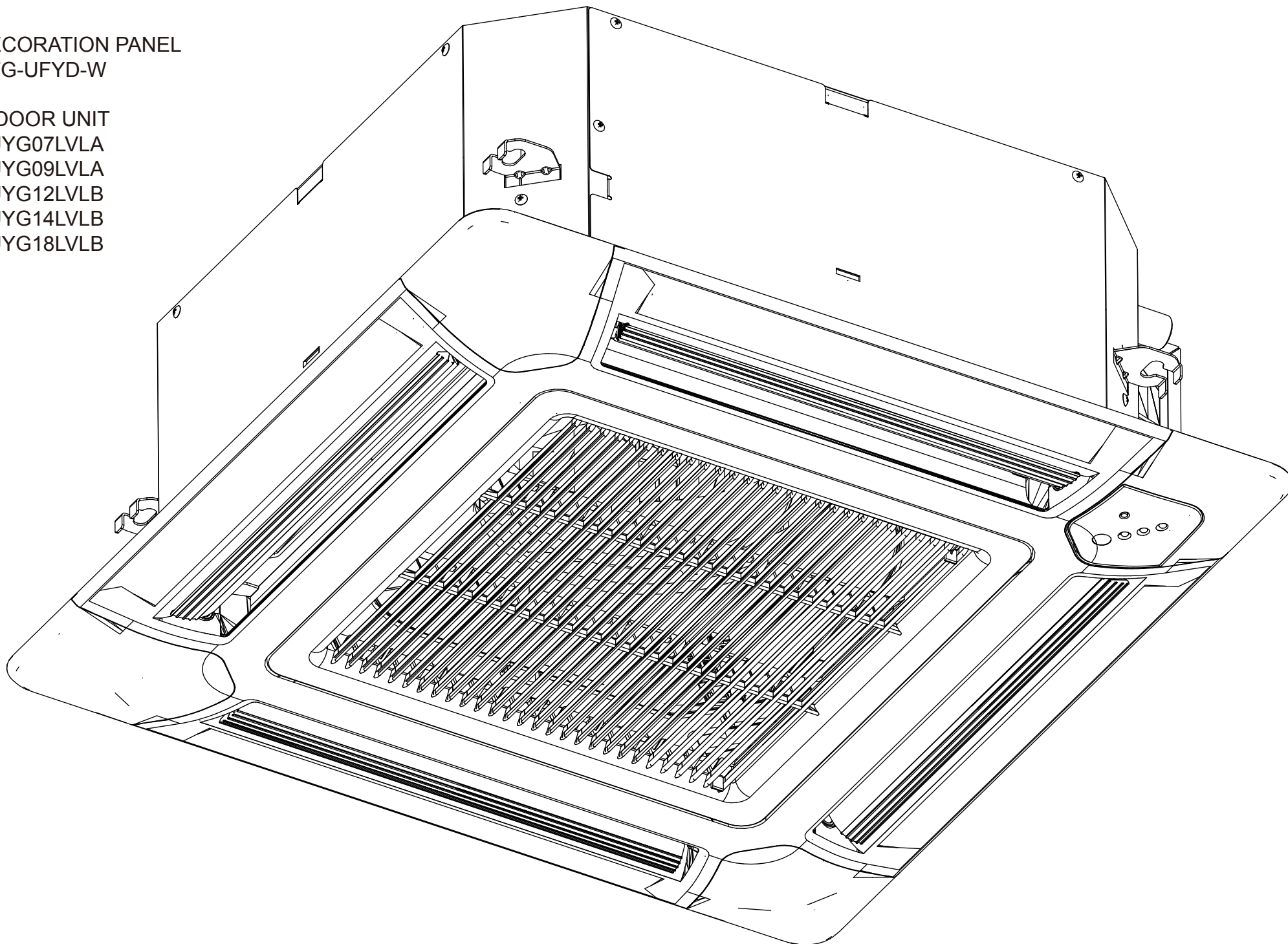


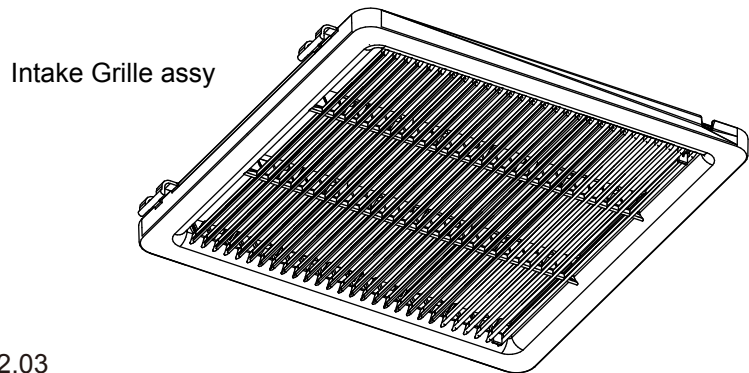
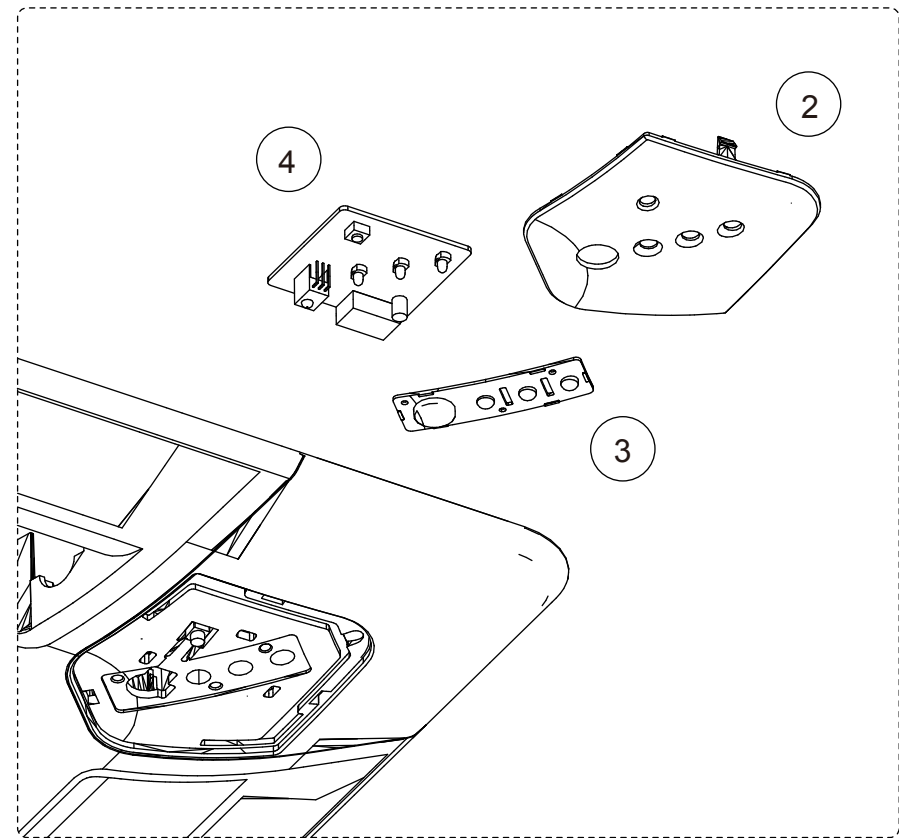
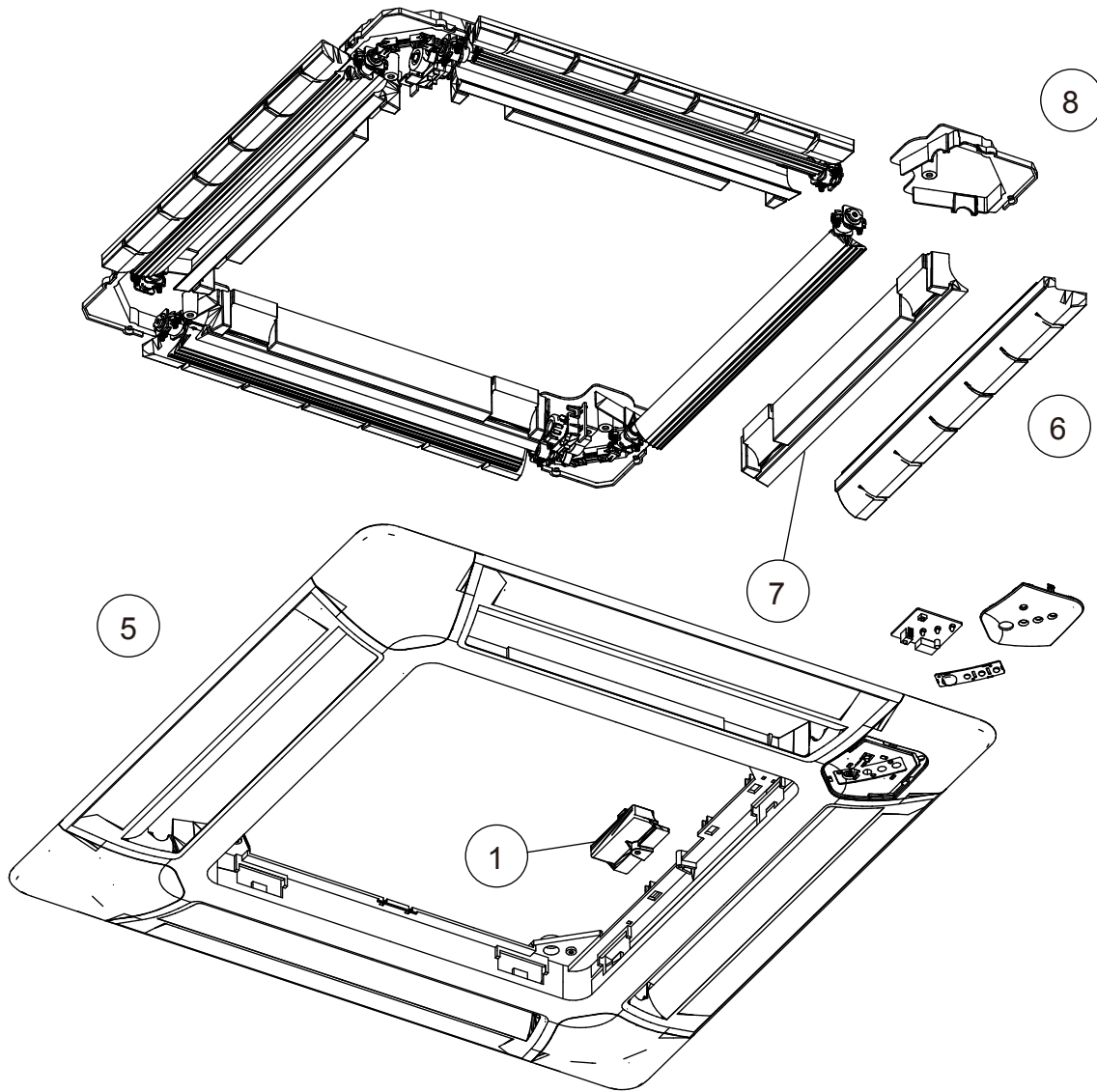
INDOOR UNIT
 ASYG18LFCA
 ASYG24LFCA
 ASYG24LFCC
 Casing assy

Ref	Description	Parts number
81	Casing	9314993015
82	Bush B	9312156016
83	Pillar A	9315009012
84	Joint B	9315006011
85	R and L Louver	9311997016
86	Spacer D	9315282019
87	Fan Guard Holder Right	9315814012
88	Fan Guard Holder Left	9315815019
89	Fan Guard	9305751051

DECORATION PANEL
UTG-UFYD-W

INDOOR UNIT
AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB

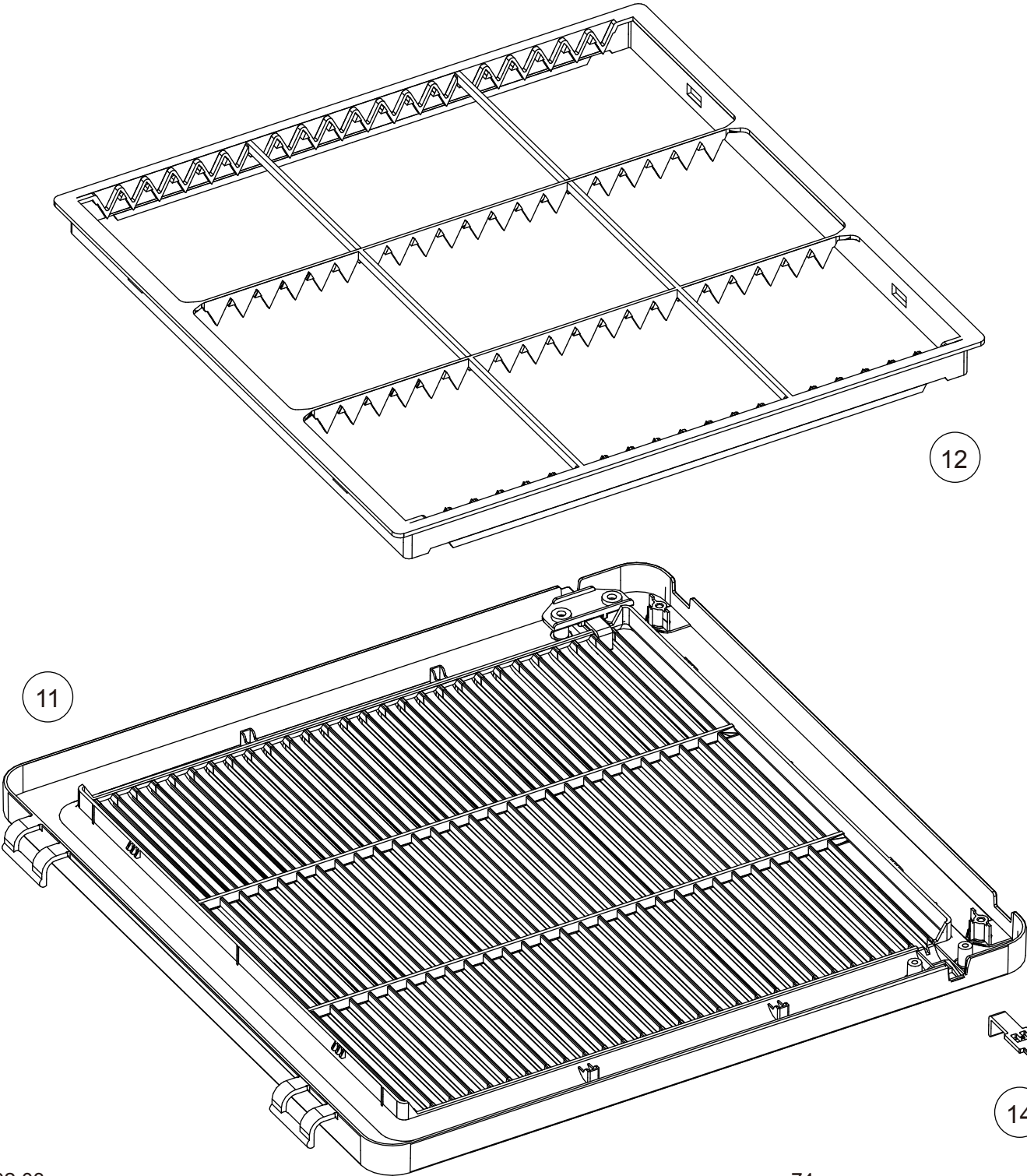




DECORATION PANEL
UTG-UFYD-W

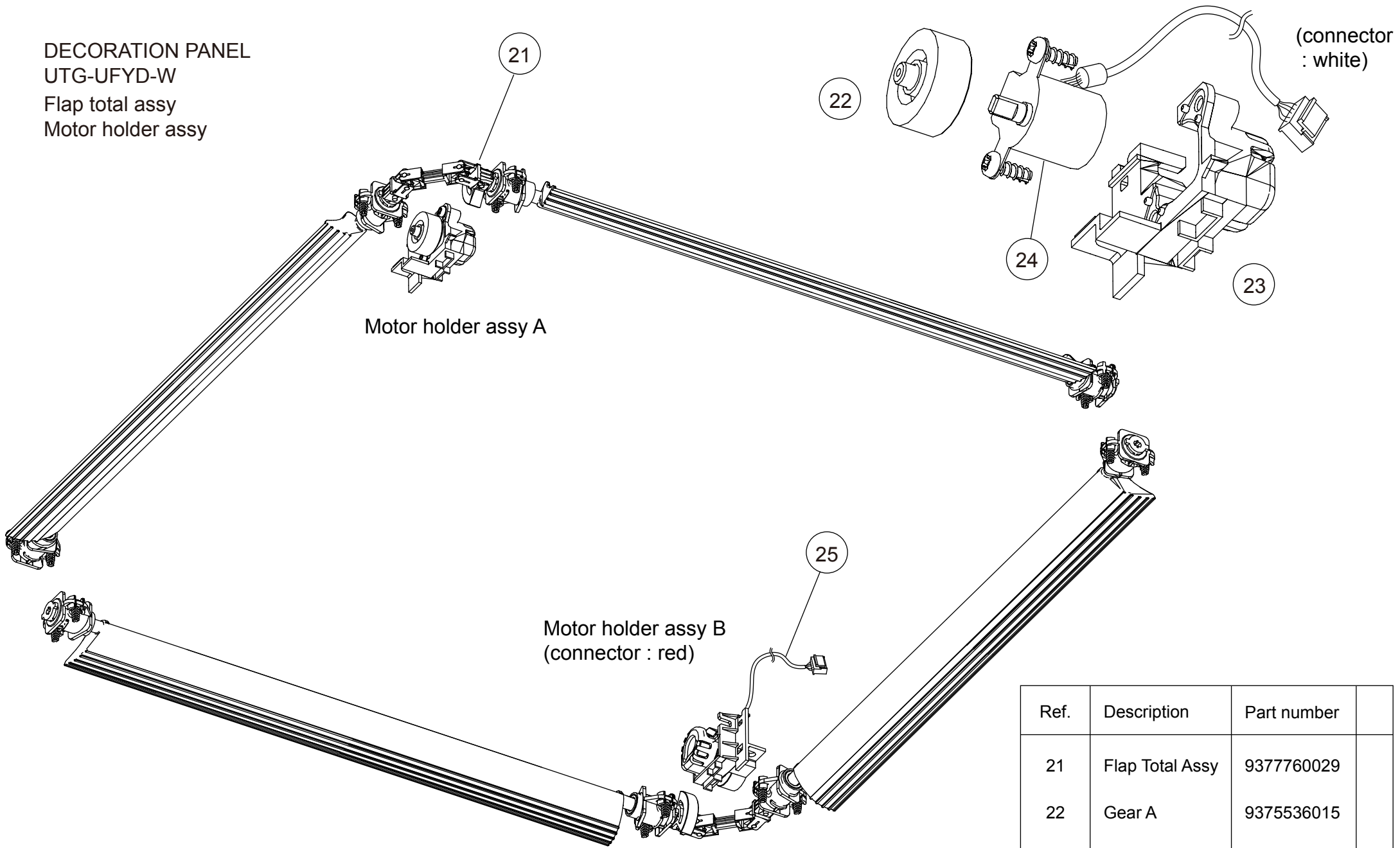
Ref.	Description	Part number
1	Connector Cover	9375549015
2	Display Panel	9375529123
3	Receiver Window	9375547011
4	Indicator PCB	9707371031
5	Decoration Panel	9375525040
6	Panel Insulation A	9375526016
7	Panel Insulation B	9375527013
8	Panel Cover	9375530013

DECORATION PANEL
 UTG-UFYD-W
 Intake grille assy



Ref.	Description	Part number	
11	Intake Grille	9375531027	
12	Long Life Filter	9375533014	
13	Hook Bracket	9375546014	
14	Grille Hook	9375532024	

DECORATION PANEL
 UTG-UFYD-W
 Flap total assy
 Motor holder assy



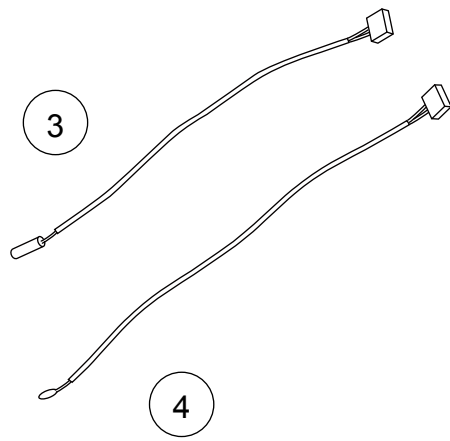
Motor holder assy A

Motor holder assy B
 (connector : red)

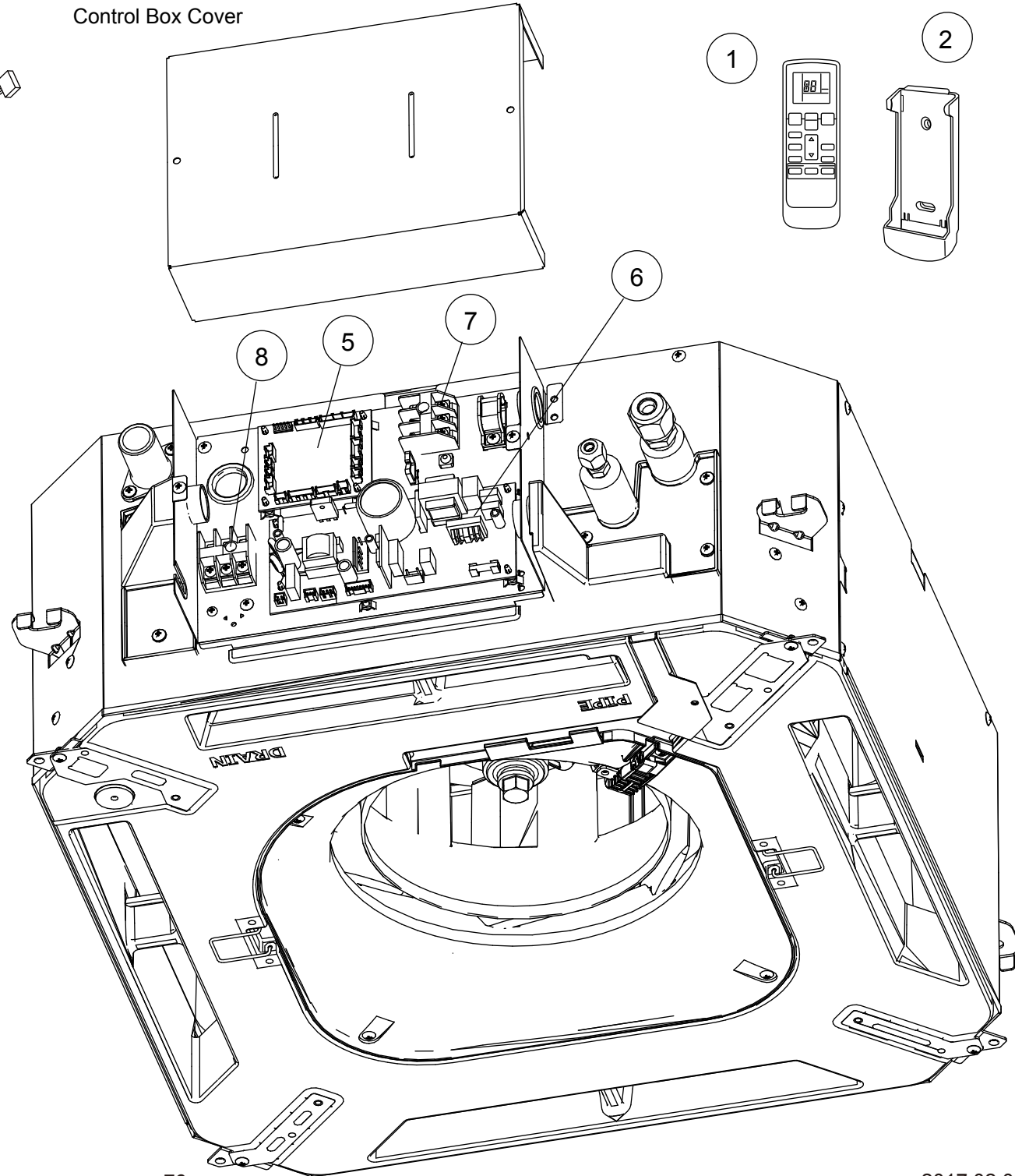
(connector : white)

Ref.	Description	Part number
21	Flap Total Assy	9377760029
22	Gear A	9375536015
23	Motor Holder	9375535018
24	Step Motor	9900139070
25	Step Motor	9900139087

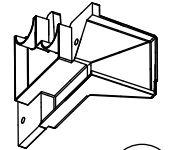
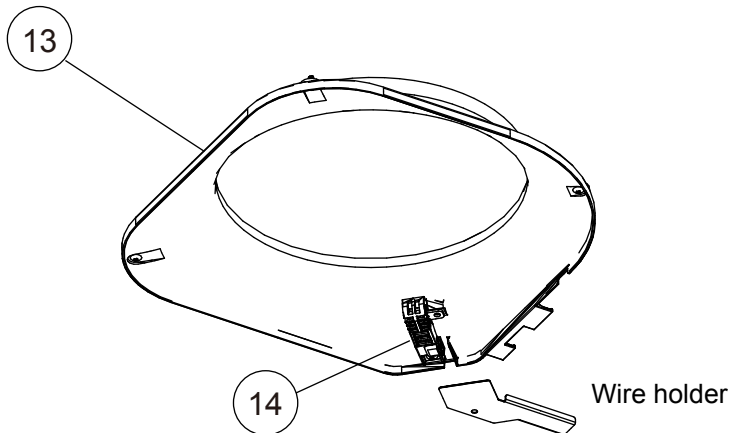
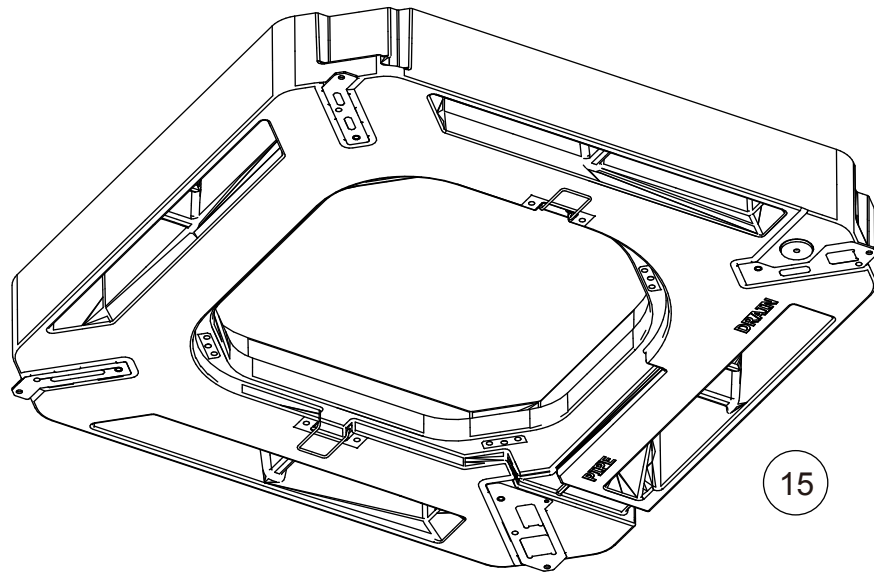
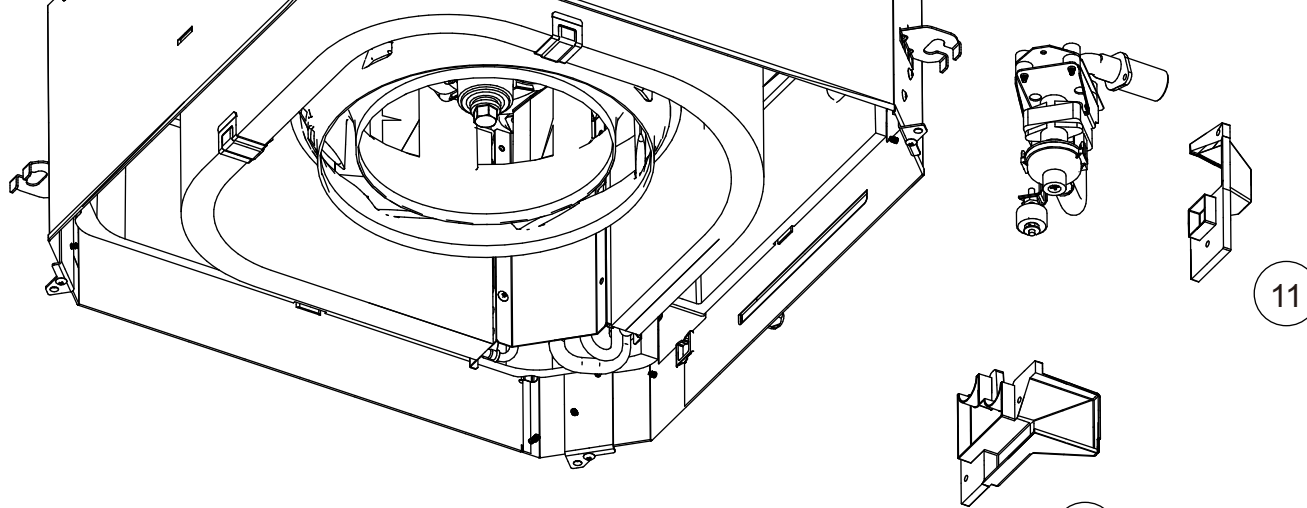
INDOOR UNIT
CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB



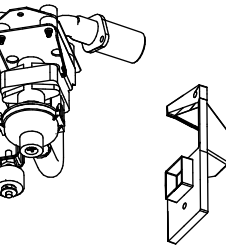
Control Box Cover



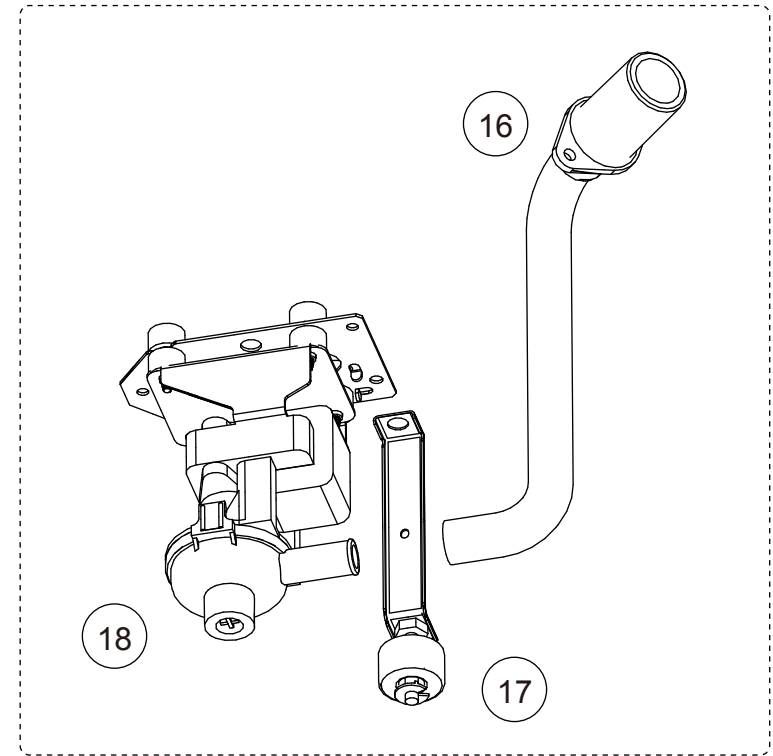
Ref.	Description	Part number
1	Remote Control	9379219006
2	Remote Control Holder	9305642045
3	Pipe Thermistor	9900881047
4	Room Thermistor	9900826000
5	Main PCB (AUYG07LVLA)	9710621307
5	Main PCB (AUYG09LVLA)	9710621314
5	Main PCB (AUYG12LVLB)	9710621321
5	Main PCB (AUYG14LVLB)	9710621338
5	Main PCB (AUYG18LVLB)	9710621345
6	Power Supply PCB	9707398250
7	Terminal	9306489045
8	Terminal	9703345012



12



11



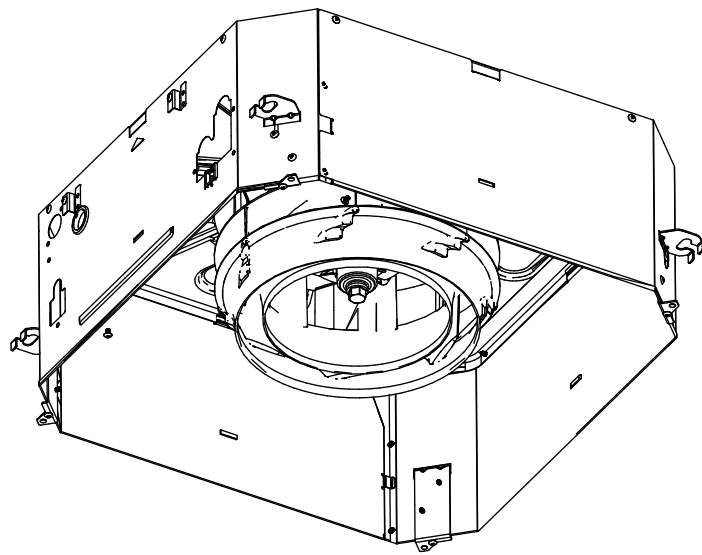
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16

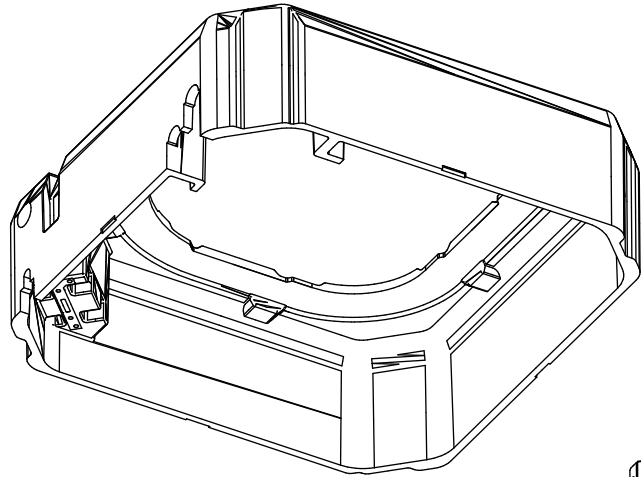
17

INDOOR UNIT
CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB

Ref.	Description	Part number
11	Wire Cover	9375516017
12	Pipe Cover	9375515010
13	Bellmouth	9375503017
14	Thermistor Holder	9375477011
15	Drain Pan Sub Assy	9377765024
16	Drain Port Sub Assy	9375718015
17	Float Switch Sub Assy	9375721039
18	Drain Pump Sub Assy	9375717025

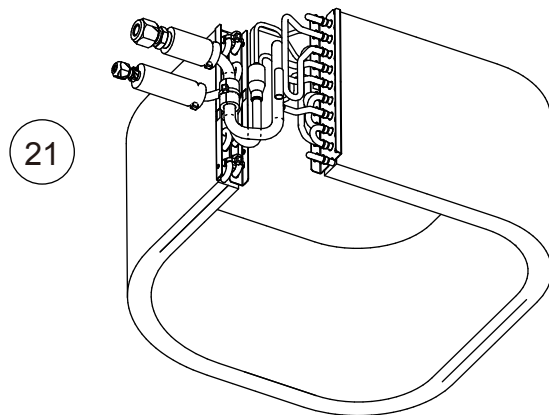


INDOOR UNIT
CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB



22

Ref.	Description	Part number
21	Evaporator Total Assy (AUYG07LVLA)	9377914040
21	Evaporator Total Assy (AUYG09, 12LVLB)	9377914033
21	Evaporator Total Assy (AUYG14, 18LVLB)	9377914026
22	Insulation Box Sub Assy	937764065



21



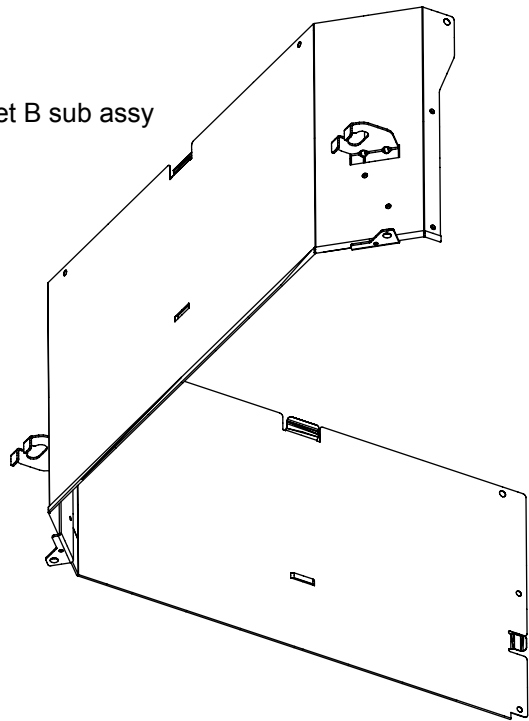
Separate wall



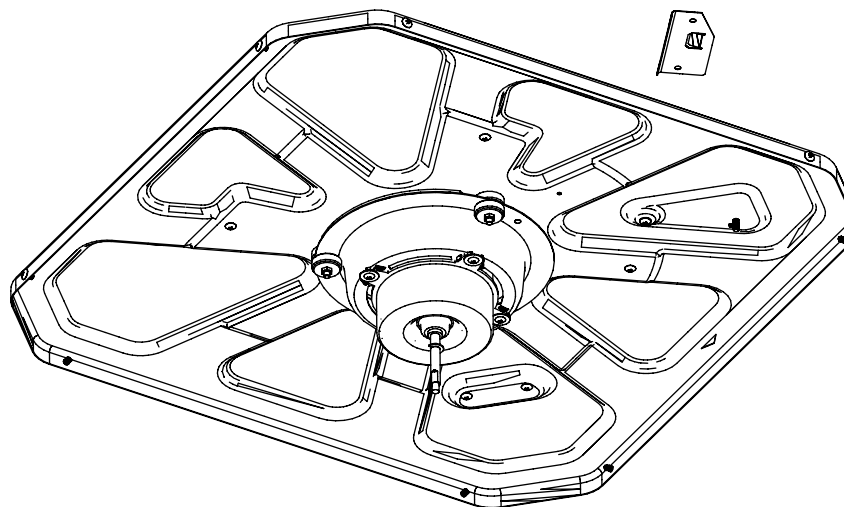
Evaporator holder 2 row

INDOOR UNIT
CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLB
AUYG14LVLB
AUYG18LVLB

Cabinet B sub assy



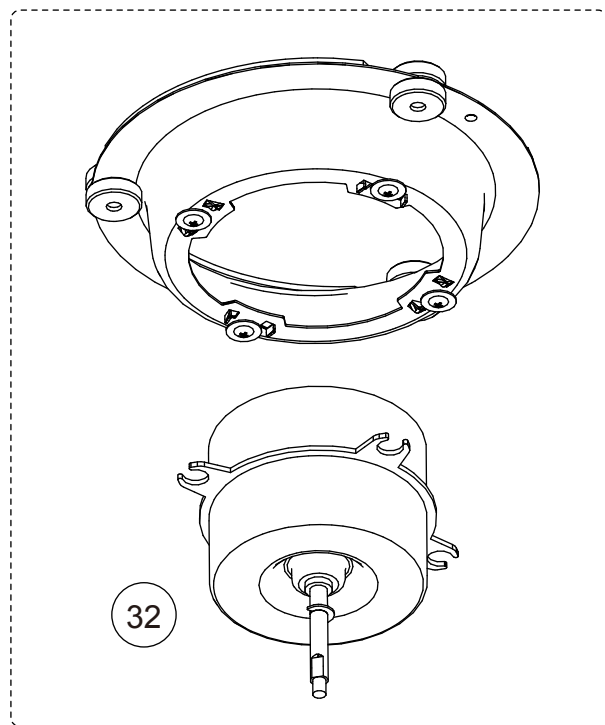
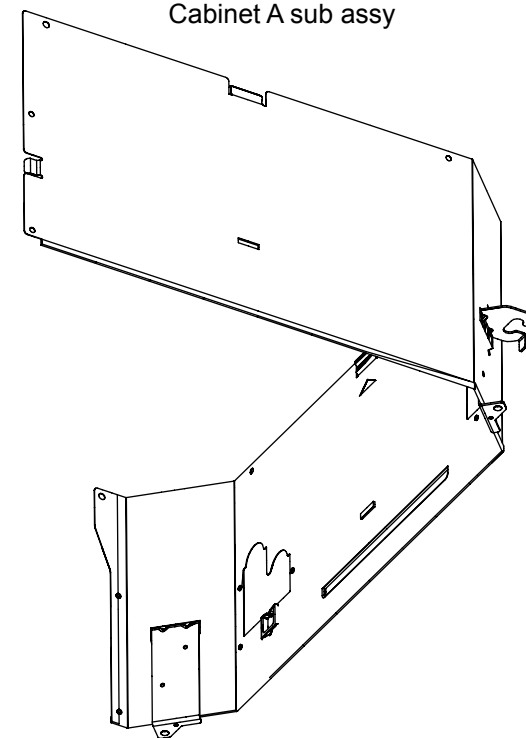
Top plate assy



Motor wire holder

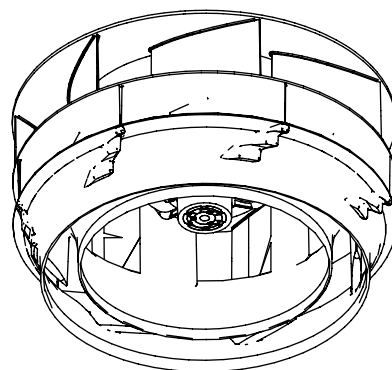


Cabinet A sub assy



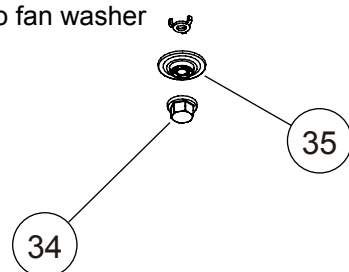
31

32



33

Turbo fan washer

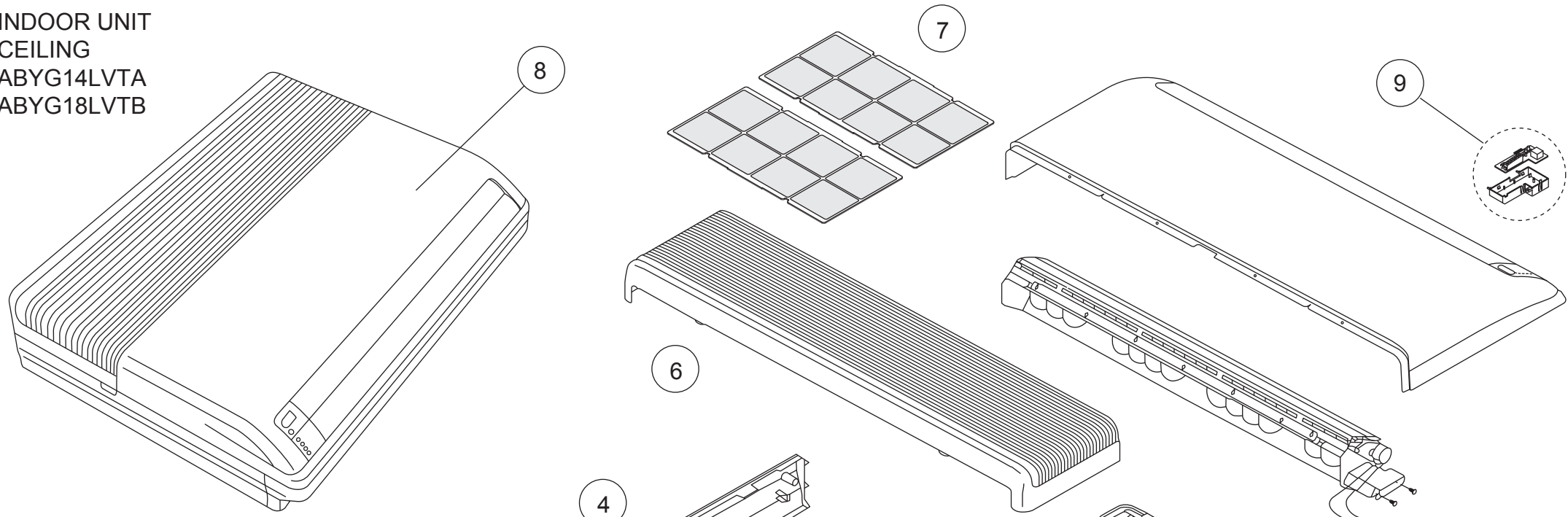


34

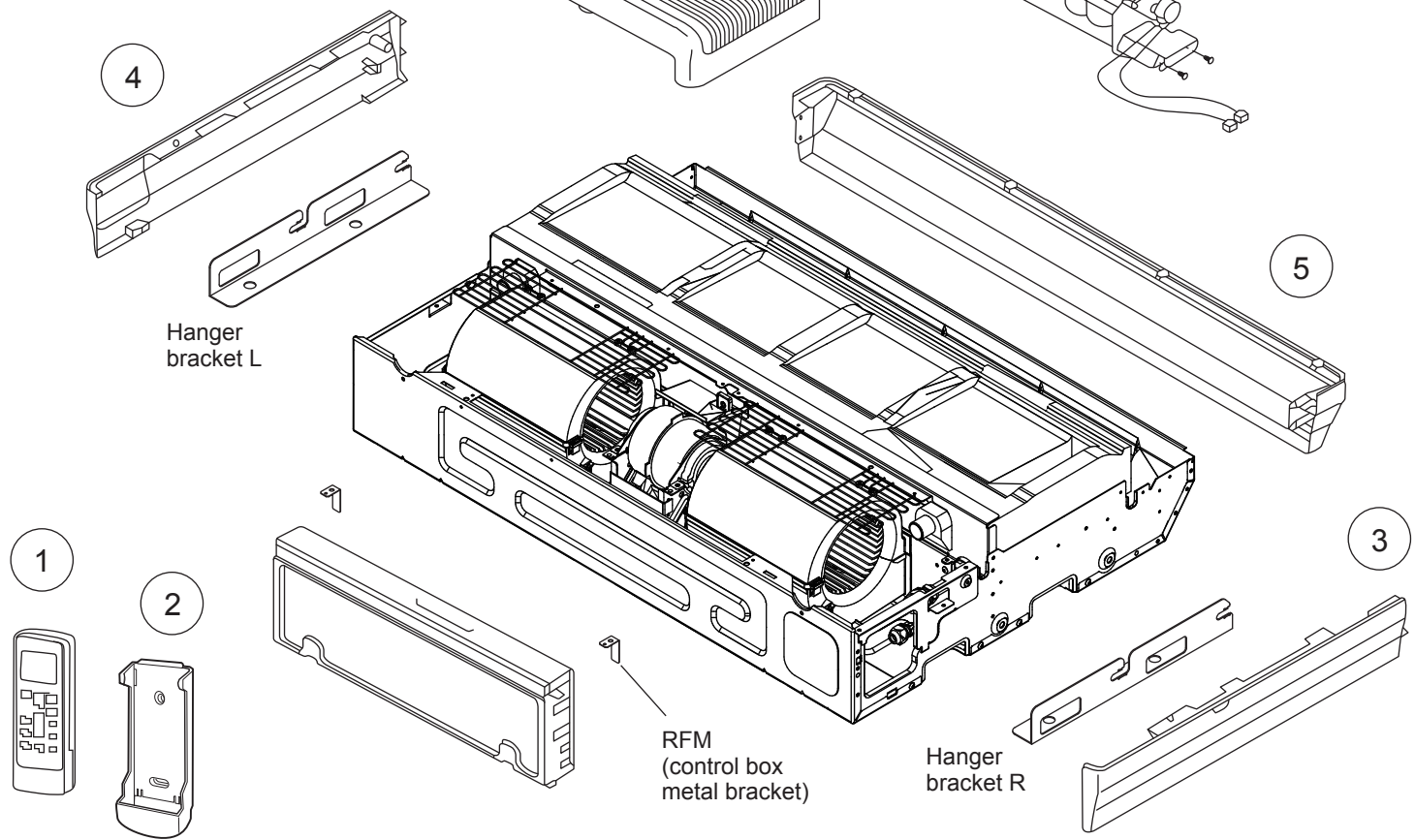
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Ref.	Description	Part number
31	Fan Motor Sub Assy	9375719012
32	Fan Motor	9602436019
33	2 Stage Turbo Fan Assy	9375480011
34	Shaft Cap	9377807014
35	Washer Cover	9377811011

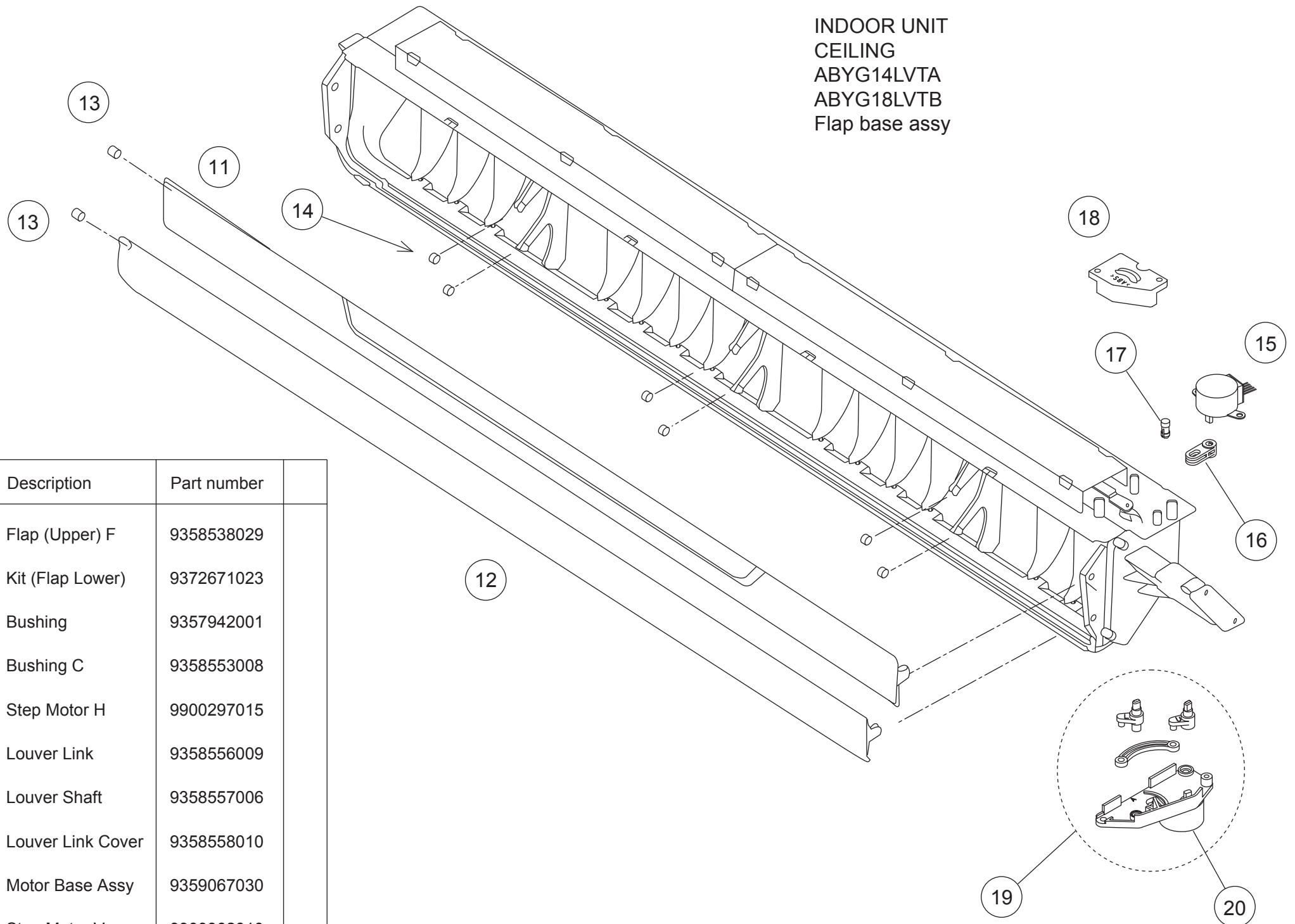
INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB



Ref.	Description	Part number
1	Remote Control	9379219037
2	Remote Control Holder	9305642045
3	Cosmetic Panel R	9358535028
4	Cosmetic Panel L	9358536025
5	Top Cover	9358534021
6	Kit (Grill Sub Assy)	9372676035
7	Air Filter	9358567036
8	Panel Assy	9359076322
9	Panel Sub Assy	9359057239



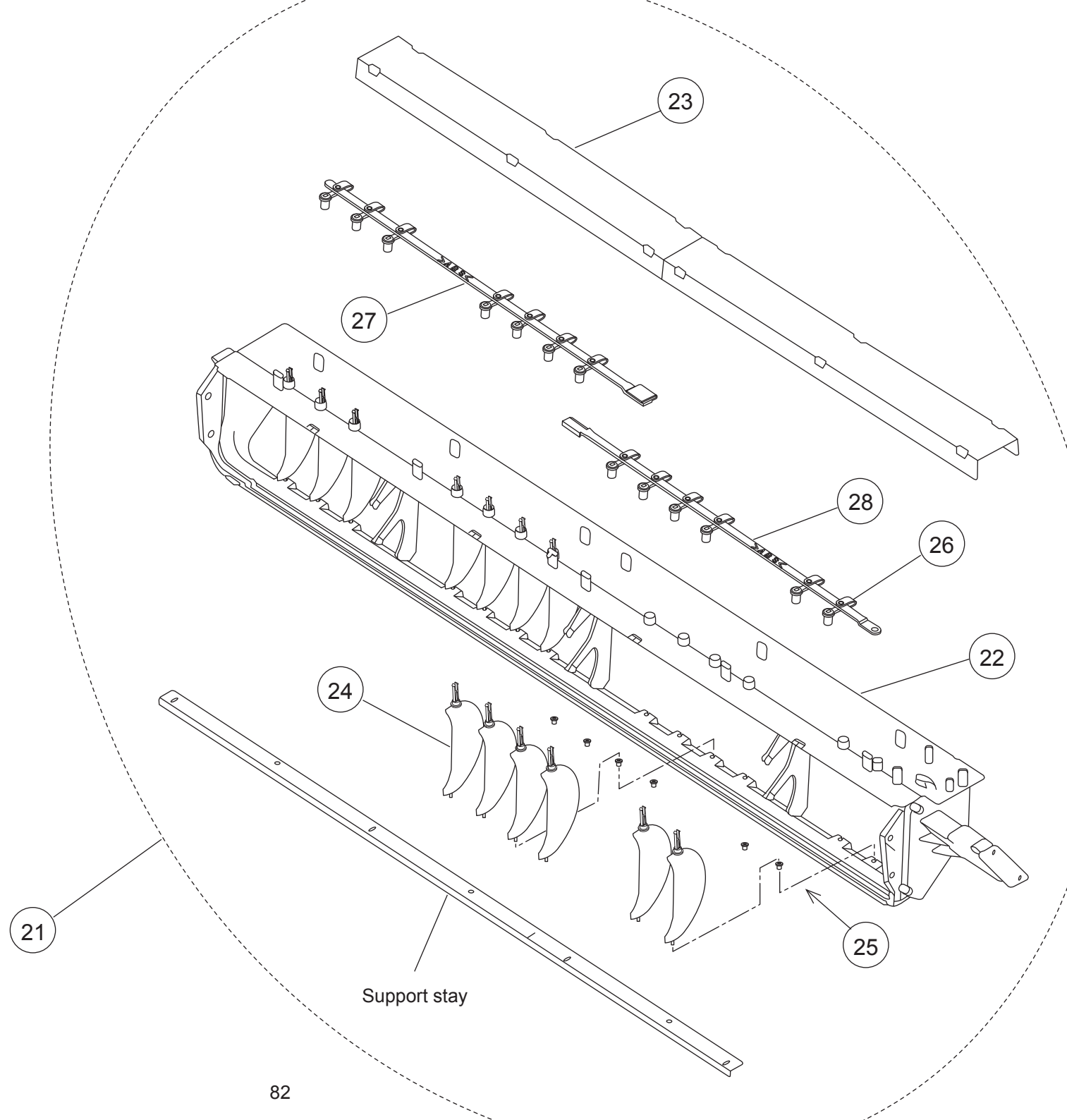
INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB
 Flap base assy



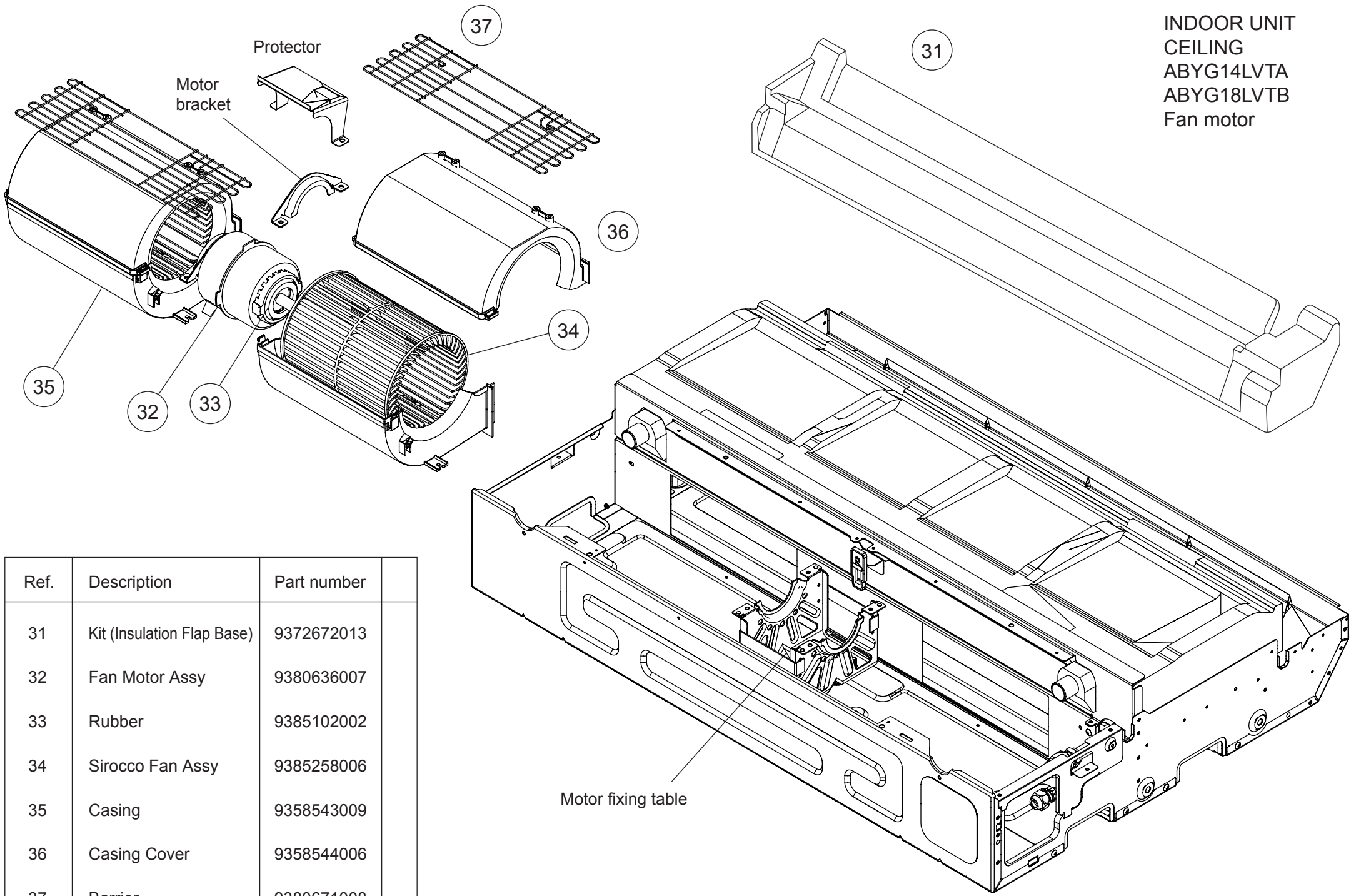
Ref.	Description	Part number
11	Flap (Upper) F	9358538029
12	Kit (Flap Lower)	9372671023
13	Bushing	9357942001
14	Bushing C	9358553008
15	Step Motor H	9900297015
16	Louver Link	9358556009
17	Louver Shaft	9358557006
18	Louver Link Cover	9358558010
19	Motor Base Assy	9359067030
20	Step Motor V	9900362010

INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB
 Kit (flap base sub assy)

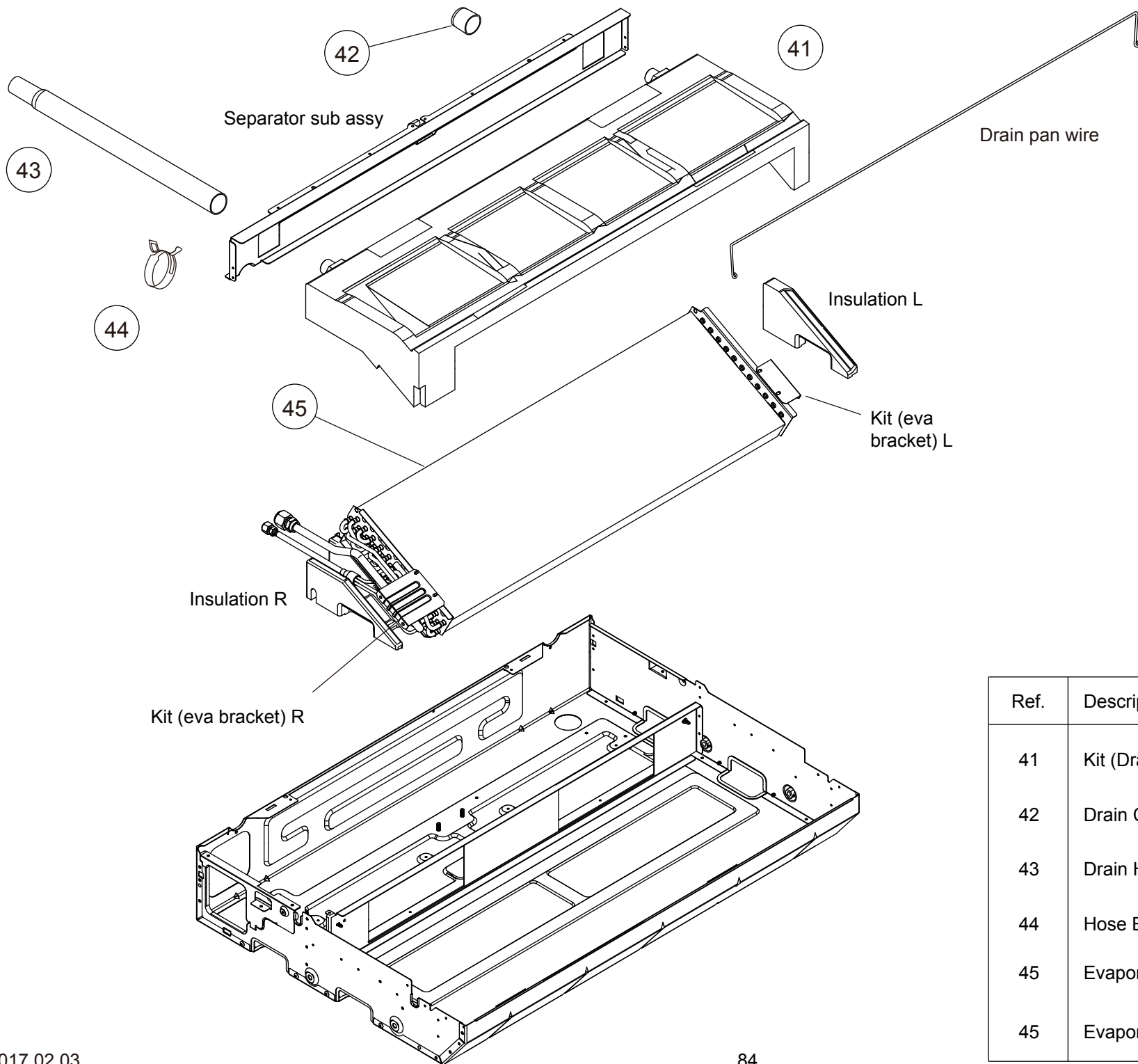
Ref.	Description	Part number
21	Kit (Flap Base Sub Assy)	9372670040
22	Flap Base	9358537022
23	Protect Cover	9358564011
24	Louver	9358561027
25	Bushing B	9358554005
26	Louver Stopper	9358555002
27	Louver Rod	9358559017
28	Motor Rod	9358560013



INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB
 Fan motor



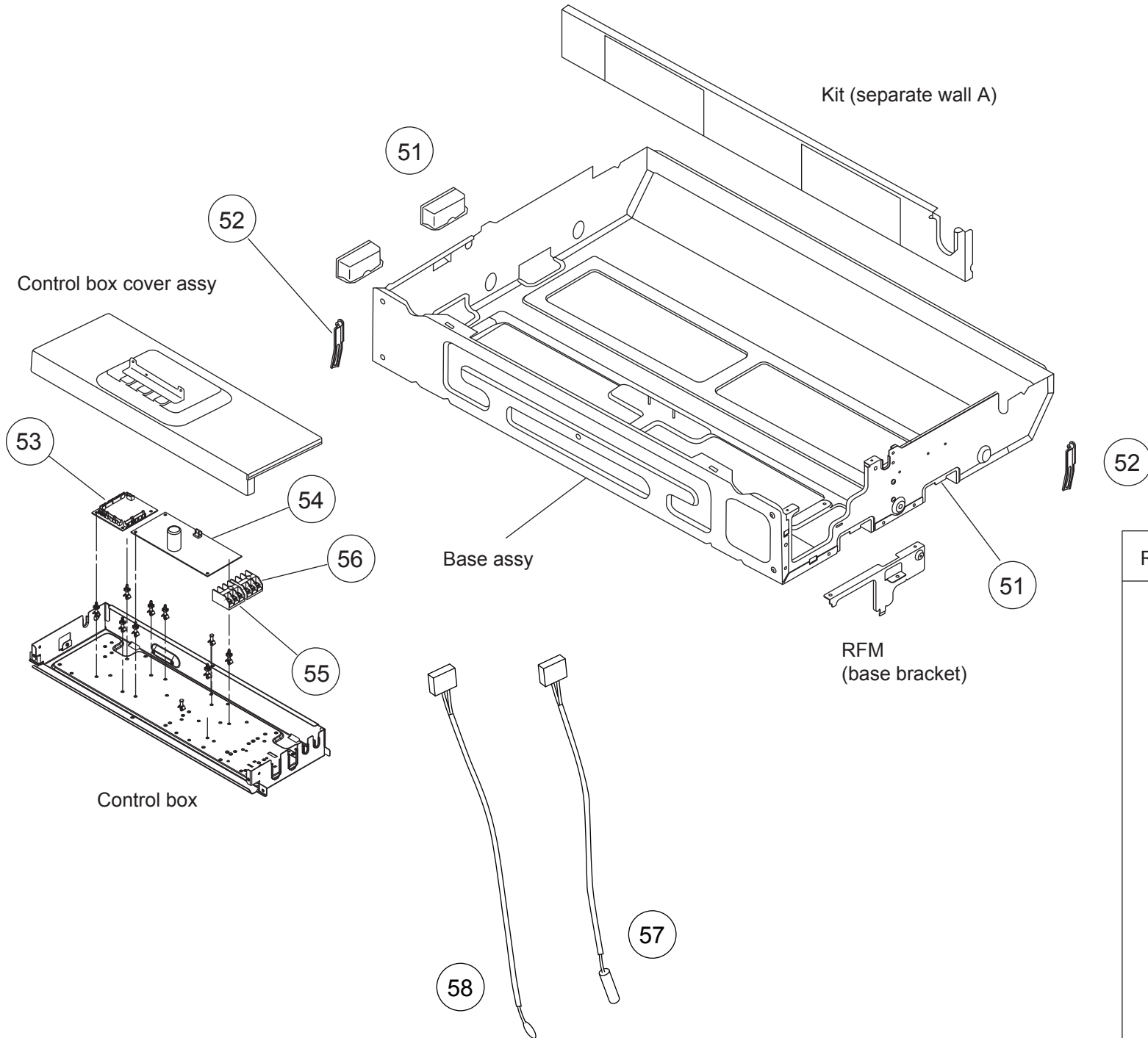
Ref.	Description	Part number
31	Kit (Insulation Flap Base)	9372672013
32	Fan Motor Assy	9380636007
33	Rubber	9385102002
34	Sirocco Fan Assy	9385258006
35	Casing	9358543009
36	Casing Cover	9358544006
37	Barrier	9380671008



INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB
 Evaporator
 Drain pan

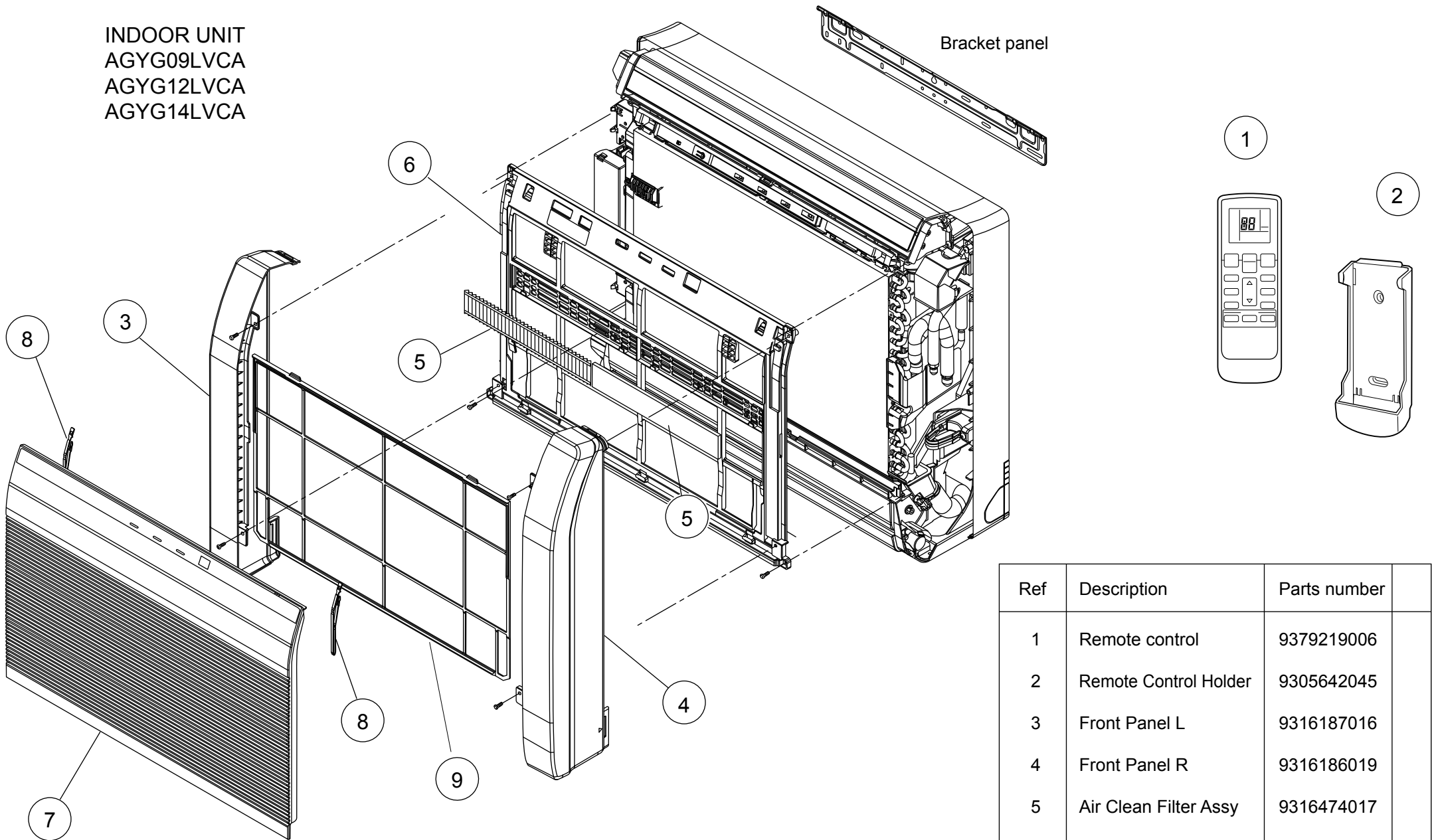
Ref.	Description	Part number
41	Kit (Drain Pan Sub Assy)	9372669013
42	Drain Cap	9358746004
43	Drain Hose Assy	9377785060
44	Hose Band	9379757003
45	Evaporator Sub Assy (14)	9359051190
45	Evaporator Sub Assy (18)	9359051275

INDOOR UNIT
 CEILING
 ABYG14LVTA
 ABYG18LVTB
 Base sub assy
 Control box



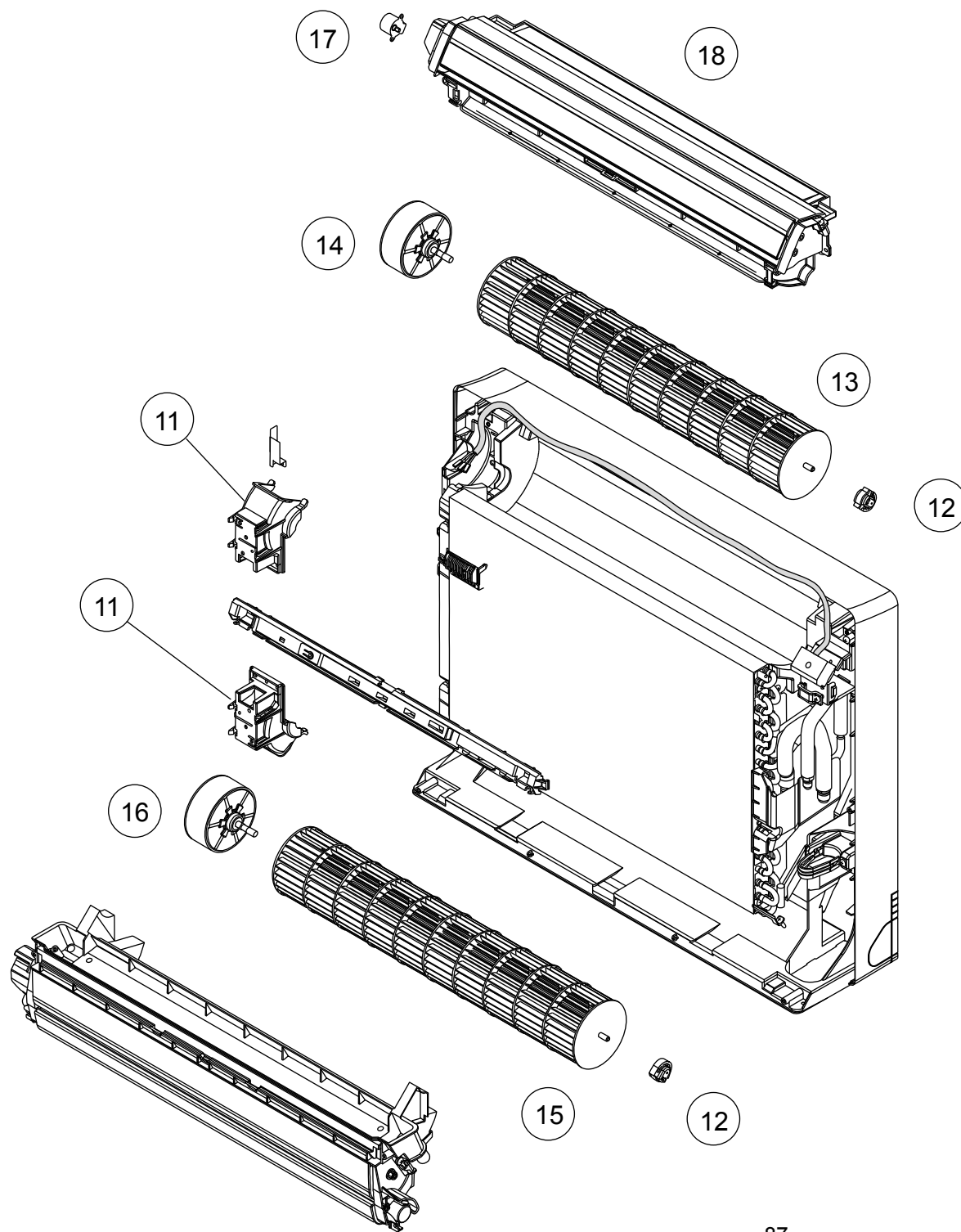
Ref.	Description	Part number
51	Cap	9358563007
52	Arm	9358565001
53	Main PCB (ABYG14)	9710621253
53	Main PCB (ABYG18)	9710621260
54	Power Supply PCB	9707398274
55	Terminal 3P	9306489045
56	Terminal 3P	9703345012
57	Pipe Thermistor	9900022020
58	Room Thermistor	9703299087

INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA



Ref	Description	Parts number
1	Remote control	9379219006
2	Remote Control Holder	9305642045
3	Front Panel L	9316187016
4	Front Panel R	9316186019
5	Air Clean Filter Assy	9316474017
6	Front Panel	9316185012
7	Intake Grille Assy	9316418059
8	Rope Assy	9316458017
9	Air Filter	9316189027

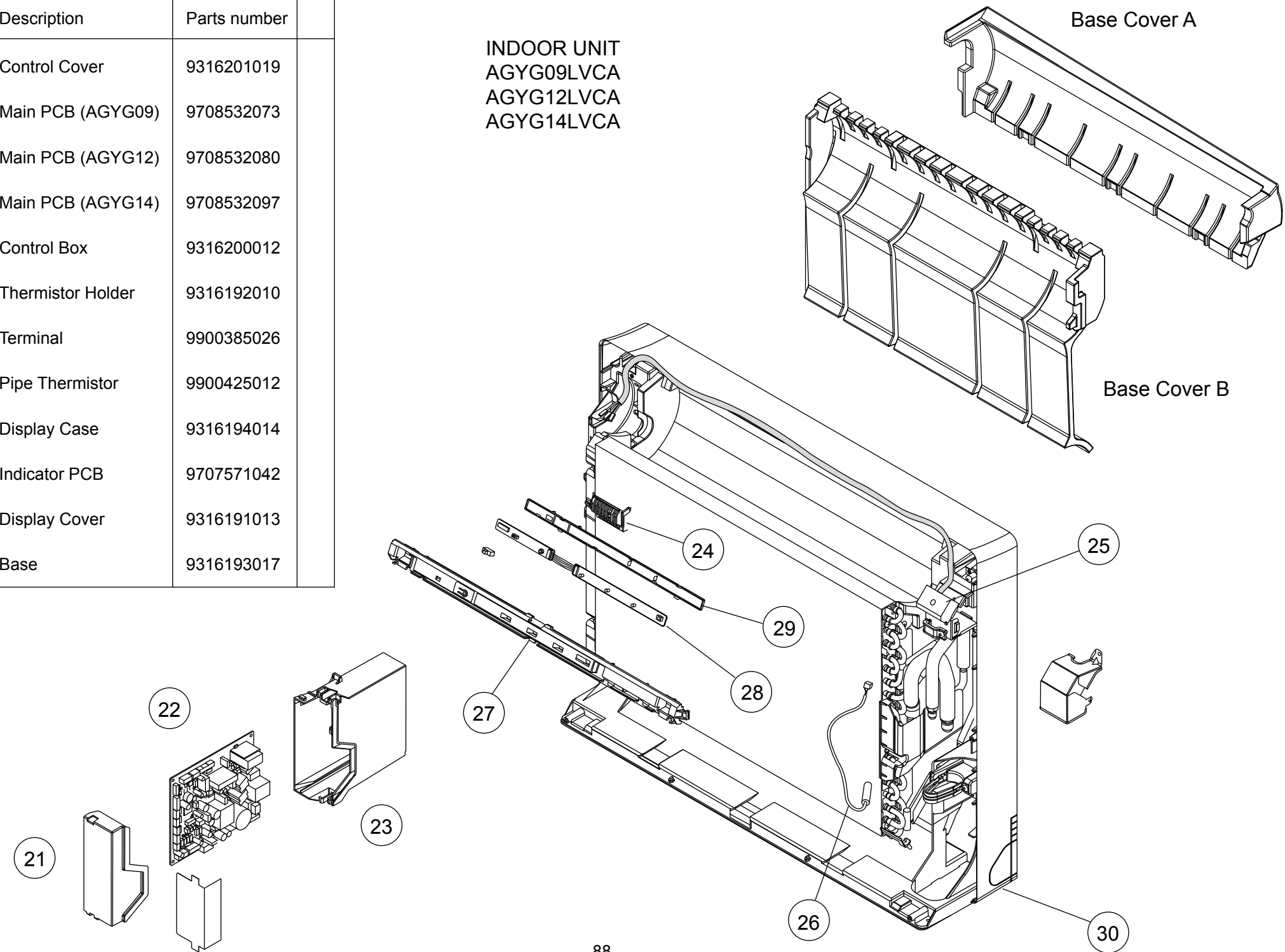
INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA



Ref	Description	Parts number
11	Motor Holder	9316195011
12	Bearing C Assy	9306628017
13	Crossflow Fan Assy	9312004034
14	Fan Motor, MFD-14TXN	9602850006
15	Crossflow Fan B Assy	9316309012
16	Fan Motor, MFD-14SXN	9602851003
17	Step Motor (Up / down)	9900384043
18	Casing Assy	9316411012

Ref	Description	Parts number
21	Control Cover	9316201019
22	Main PCB (AGYG09)	9708532073
22	Main PCB (AGYG12)	9708532080
22	Main PCB (AGYG14)	9708532097
23	Control Box	9316200012
24	Thermistor Holder	9316192010
25	Terminal	9900385026
26	Pipe Thermistor	9900425012
27	Display Case	9316194014
28	Indicator PCB	9707571042
29	Display Cover	9316191013
30	Base	9316193017

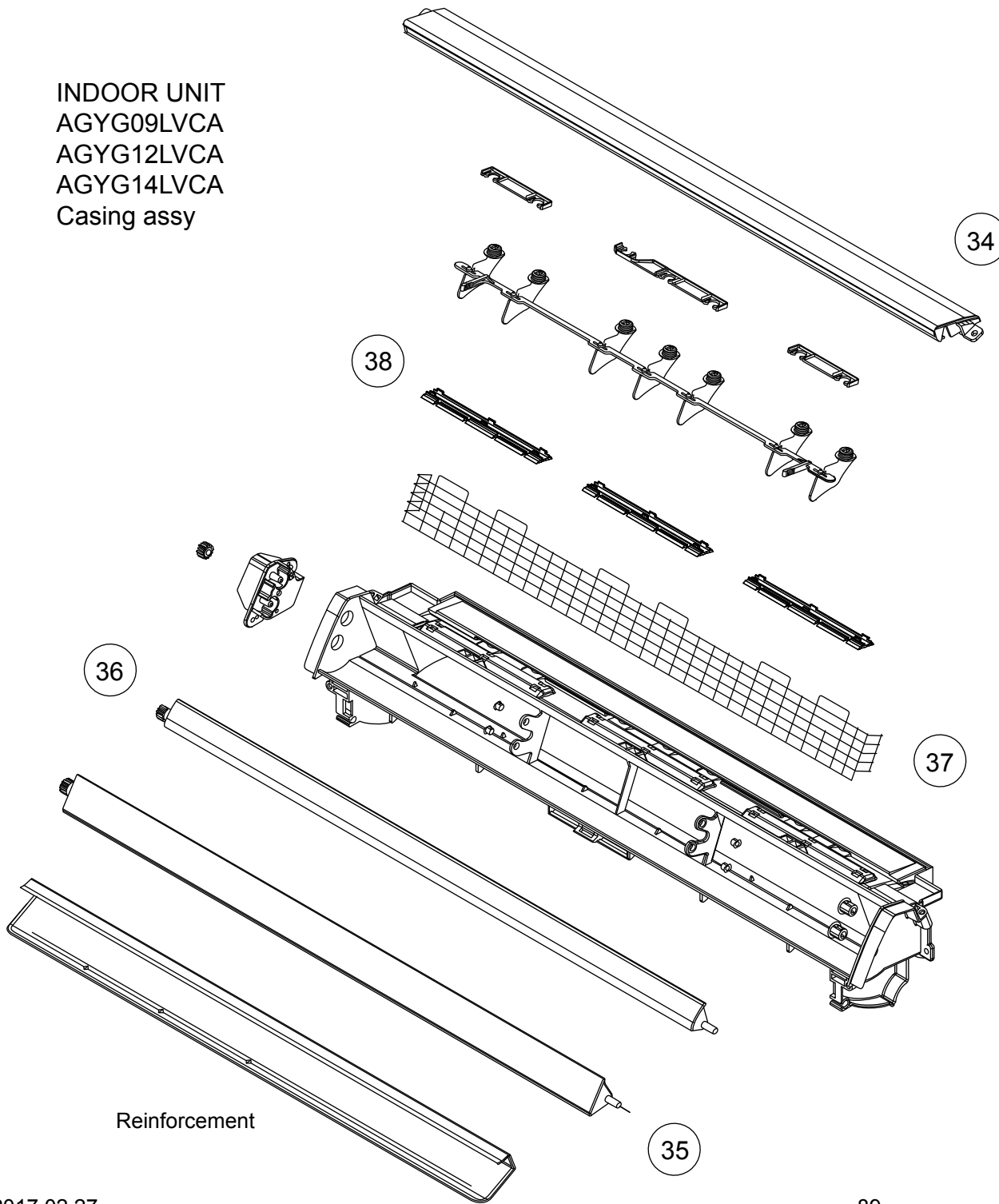
INDOOR UNIT
AGYG09LVCA
AGYG12LVCA
AGYG14LVCA



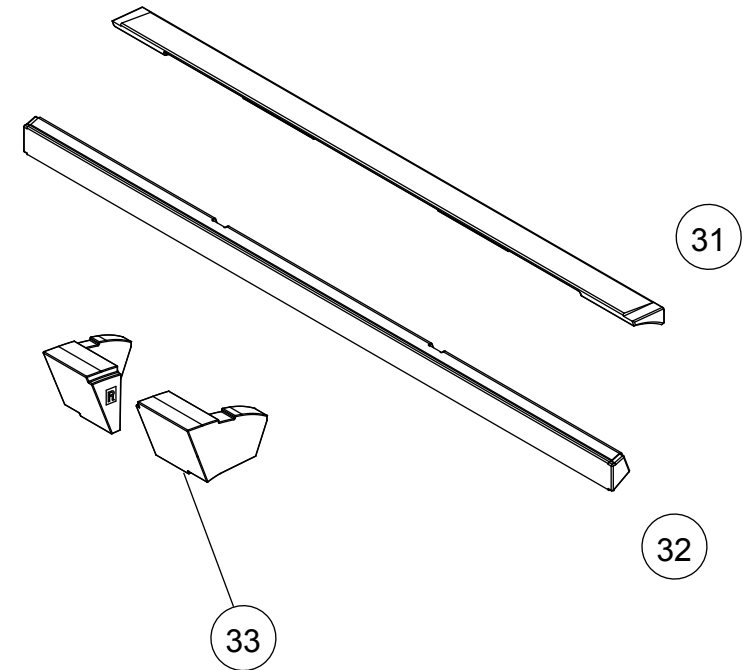
Base Cover A

Base Cover B

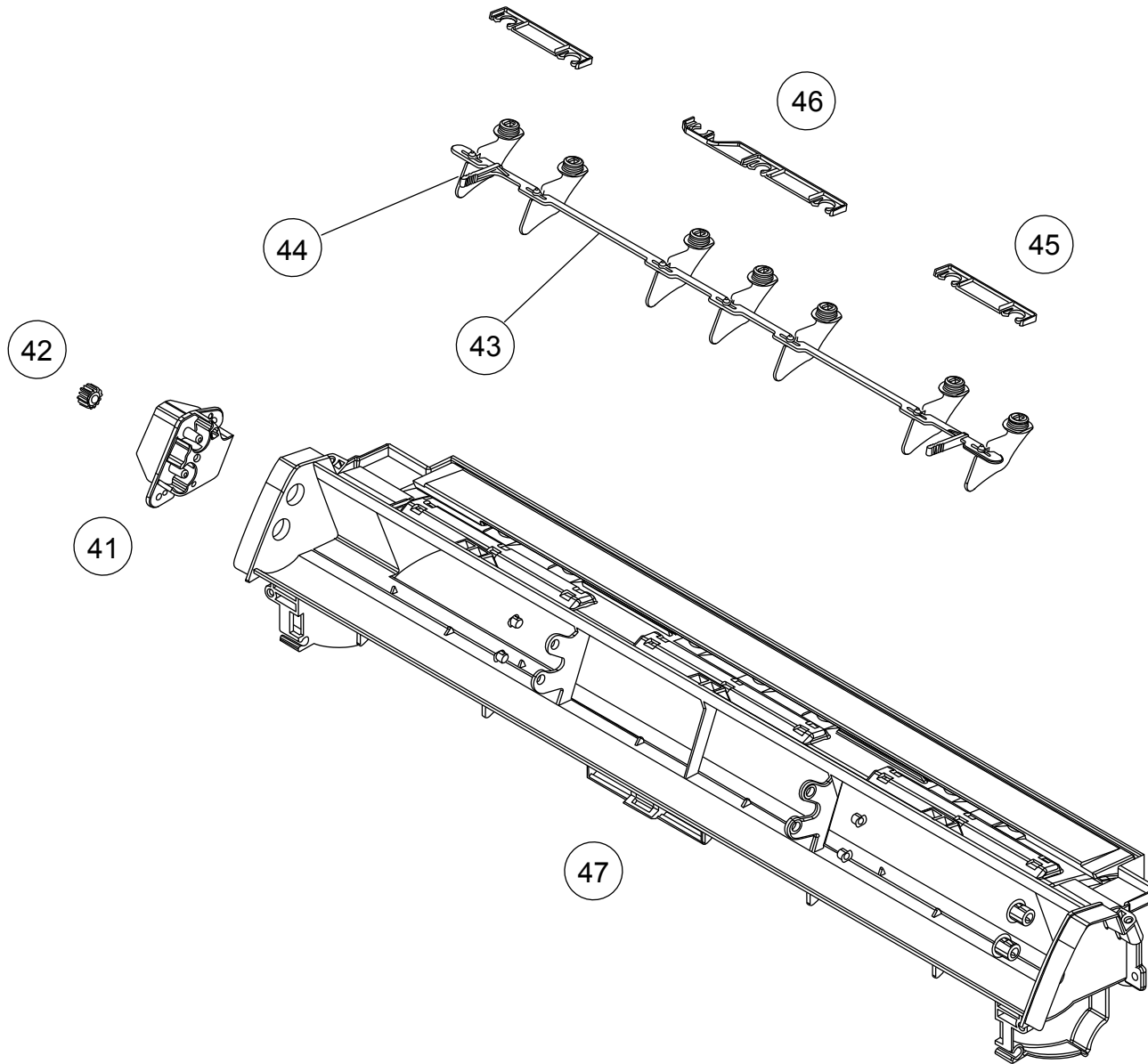
INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA
 Casing assy



Ref	Description	Parts number
31	Casing Cover B	9316273016
32	Casing Cover F	9316308015
33	Casing Cover LR	9316310018
34	Top Cover	9316207011
35	Louver Z (Lower)	9316206014
36	Louver U (Upper)	9316205017
37	Fan Guard	9316211018
38	Guard Holder	9316210011

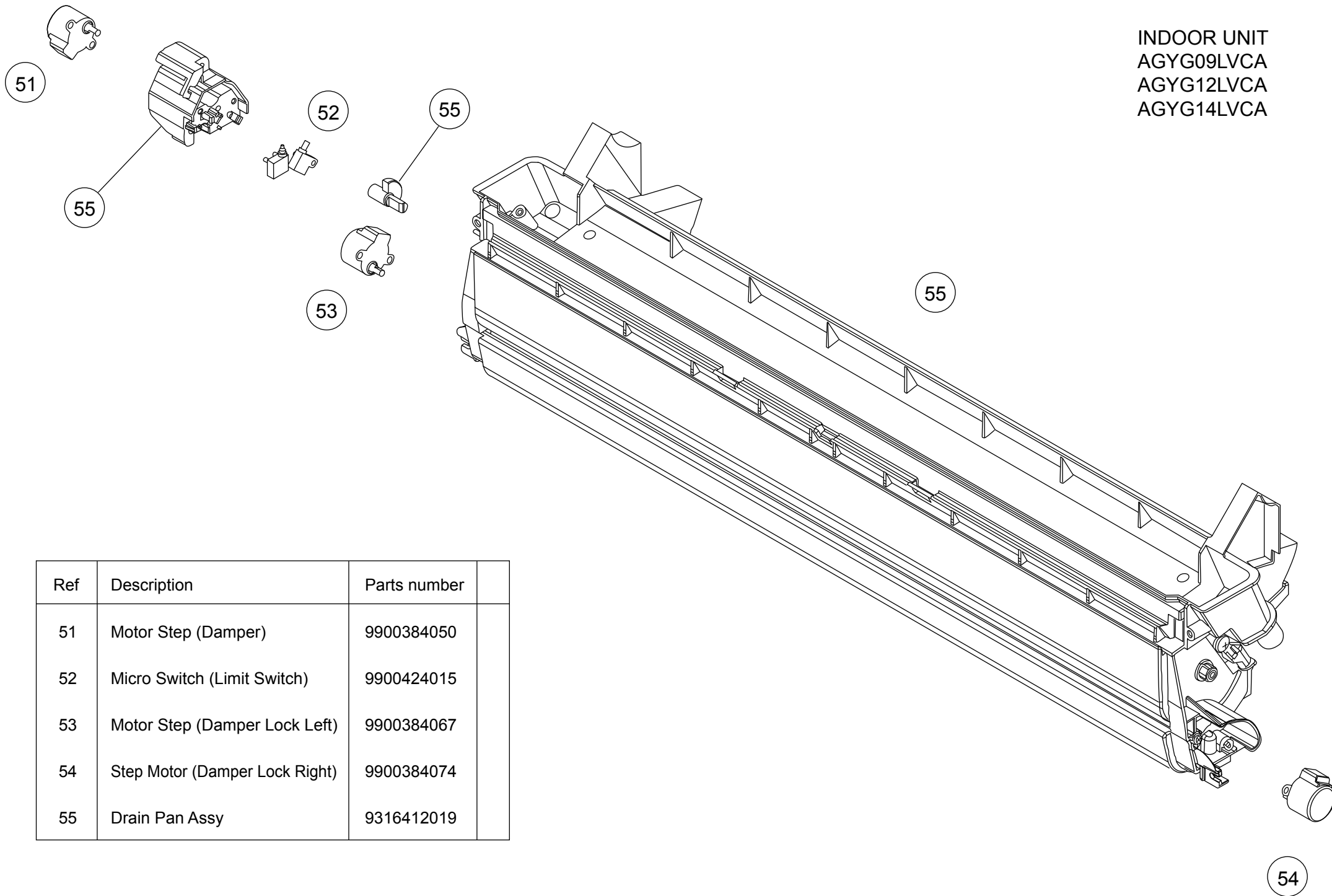


INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA
 Casing assy

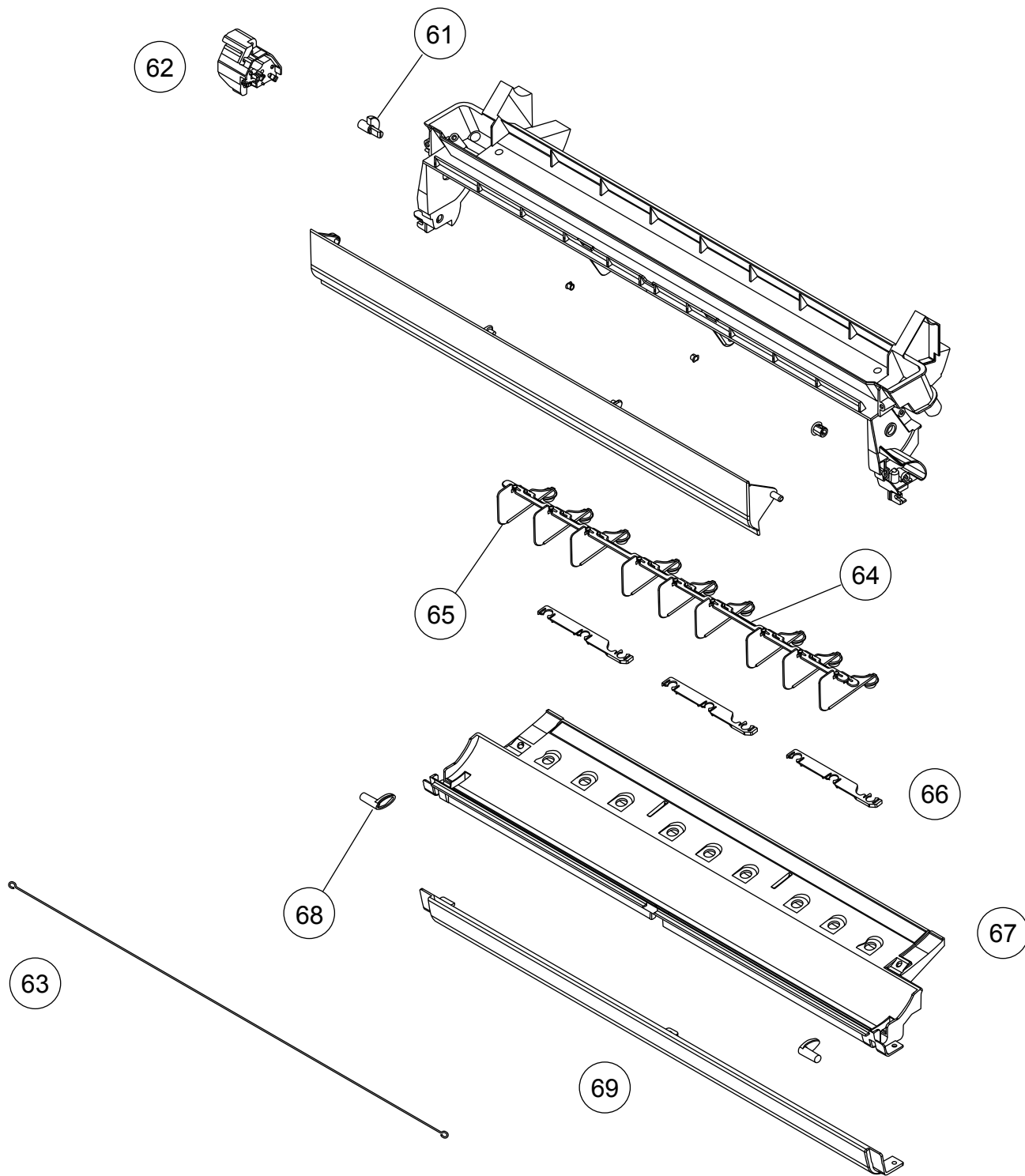


Ref	Description	Parts number
41	Gear Case	9316213012
42	Gear A	9309994003
43	Joint U	9316209015
44	R and L Louver U	9316208018
45	Spacer C	9315281012
46	Spacer D	9315282019
47	Casing	9316204010

INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA



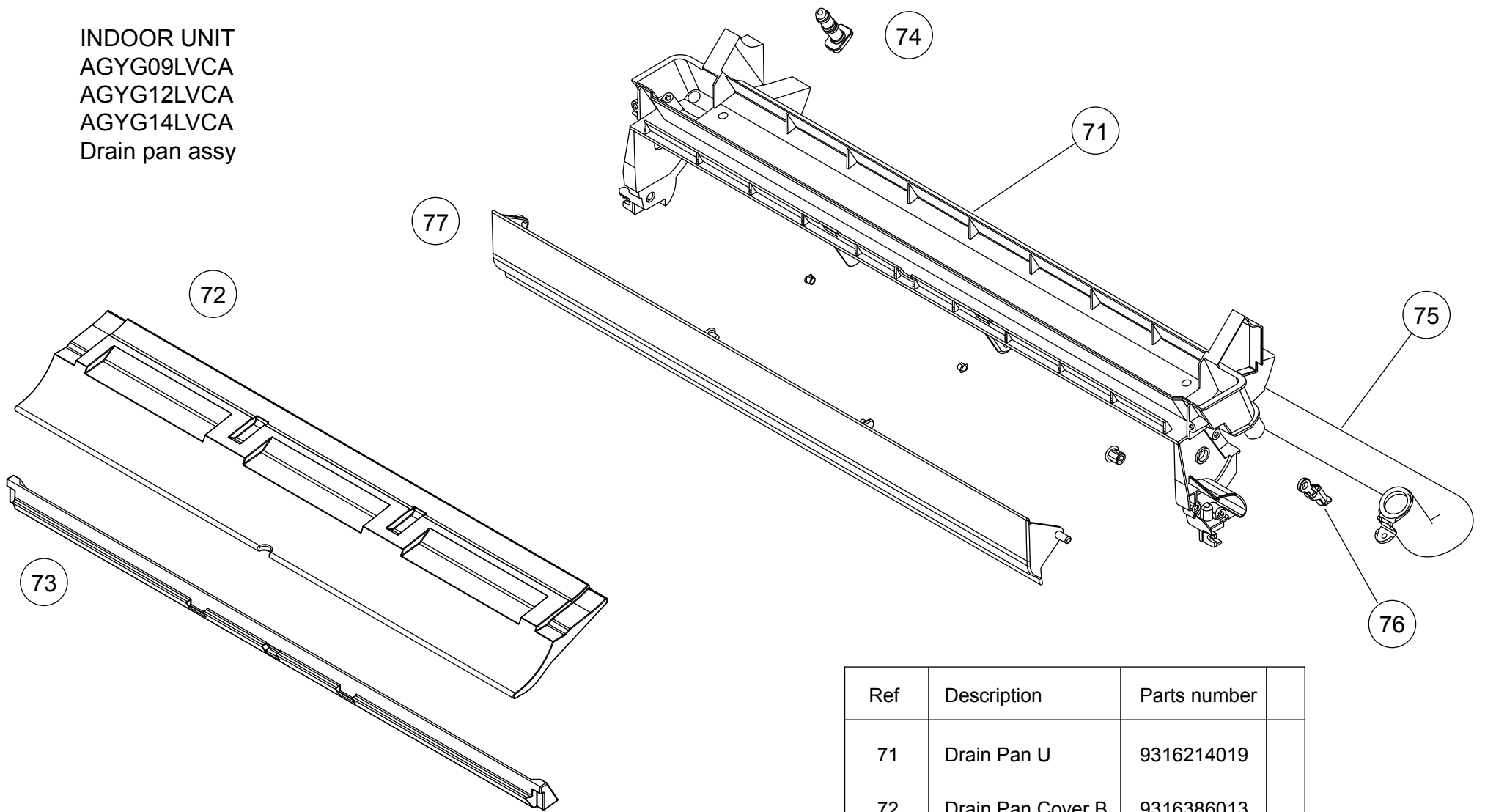
Ref	Description	Parts number
51	Motor Step (Damper)	9900384050
52	Micro Switch (Limit Switch)	9900424015
53	Motor Step (Damper Lock Left)	9900384067
54	Step Motor (Damper Lock Right)	9900384074
55	Drain Pan Assy	9316412019



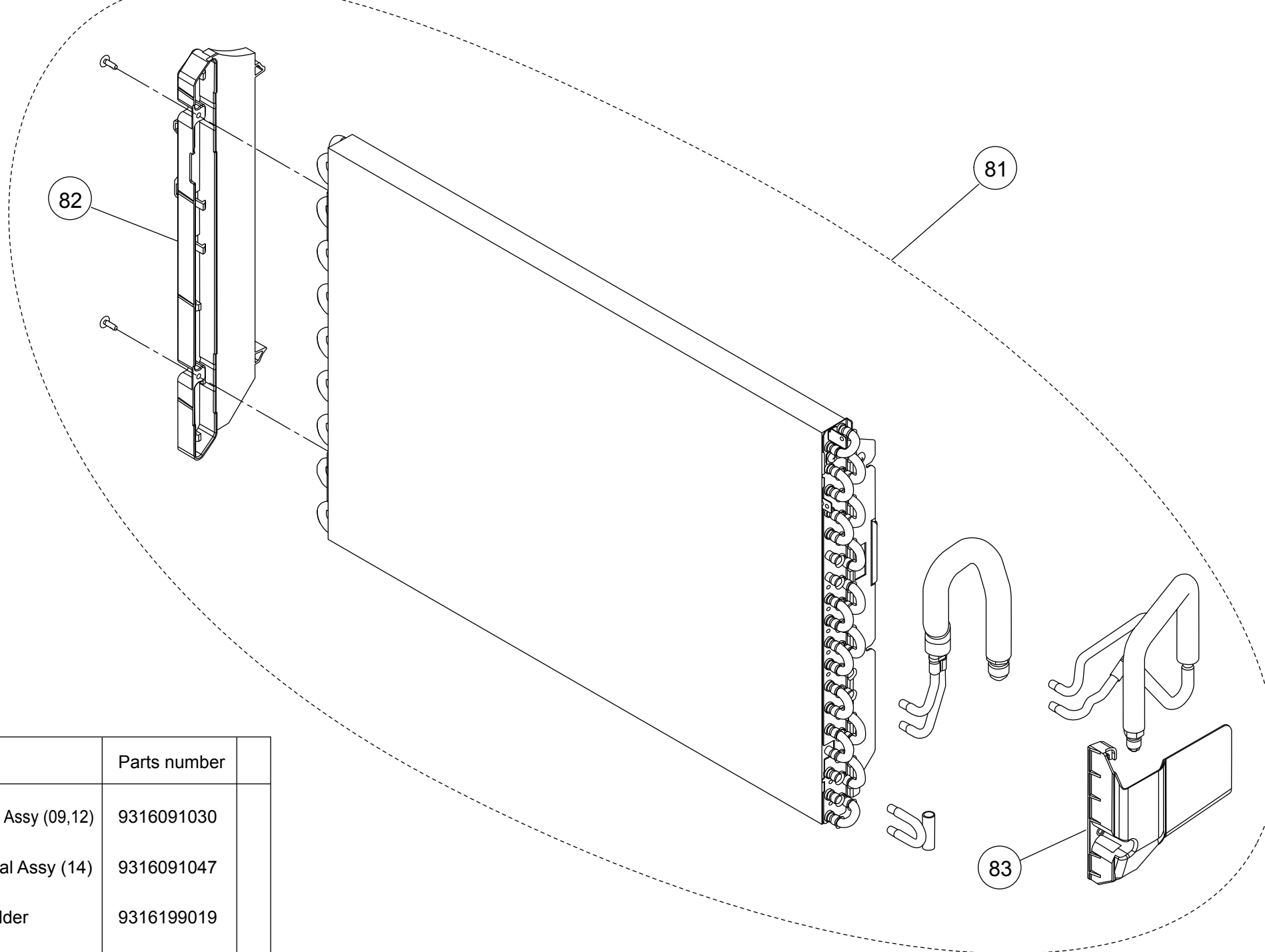
INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA
 Drain pan assy

Ref	Description	Parts number
61	Key Top	9316218017
62	Limit Switch Cover	9316217010
63	Fan Guard Z	9316918009
64	Joint Z	9316335011
65	R and L Louver Z	9316334014
66	Spacer D	9315282019
67	Drain Pan Z	9316215016
68	Stopper	9316219014
69	Under Cover	9316374010

INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA
 Drain pan assy



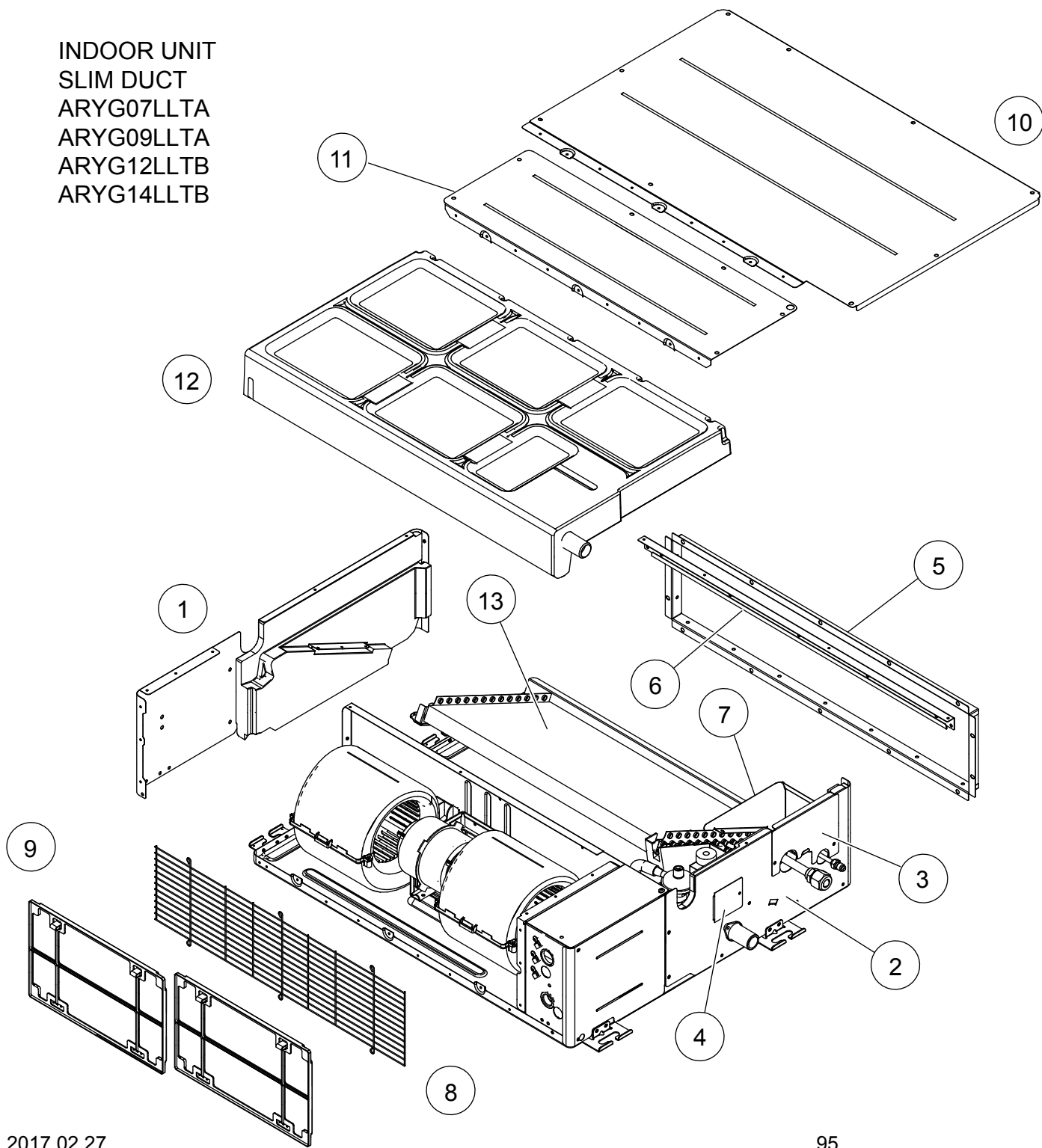
Ref	Description	Parts number
71	Drain Pan U	9316214019
72	Drain Pan Cover B	9316386013
73	Drain Pan Cover F	9316274013
74	Drain Cap	9316177017
75	Drain Hose Assy	9314147029
76	Drain Hose Holder	9316384019
77	Damper	9316216013



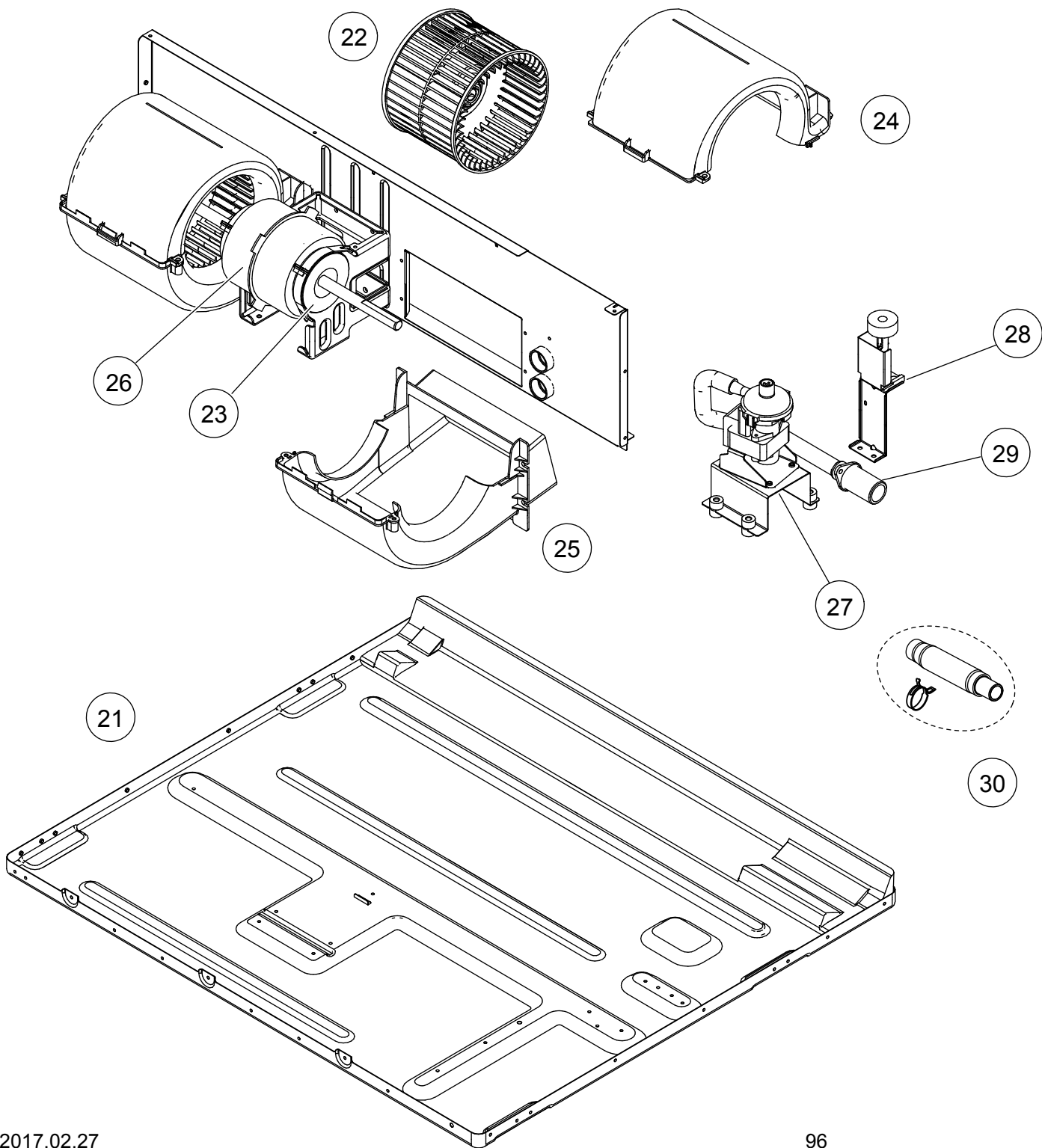
INDOOR UNIT
 AGYG09LVCA
 AGYG12LVCA
 AGYG14LVCA

Ref	Description	Parts number	
81	Evaporator Total Assy (09,12)	9316091030	
81	Evaporator Total Assy (14)	9316091047	
82	Evaporator Holder	9316199019	
83	Water Seal	9316271012	

INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTB
ARYG14LLTB



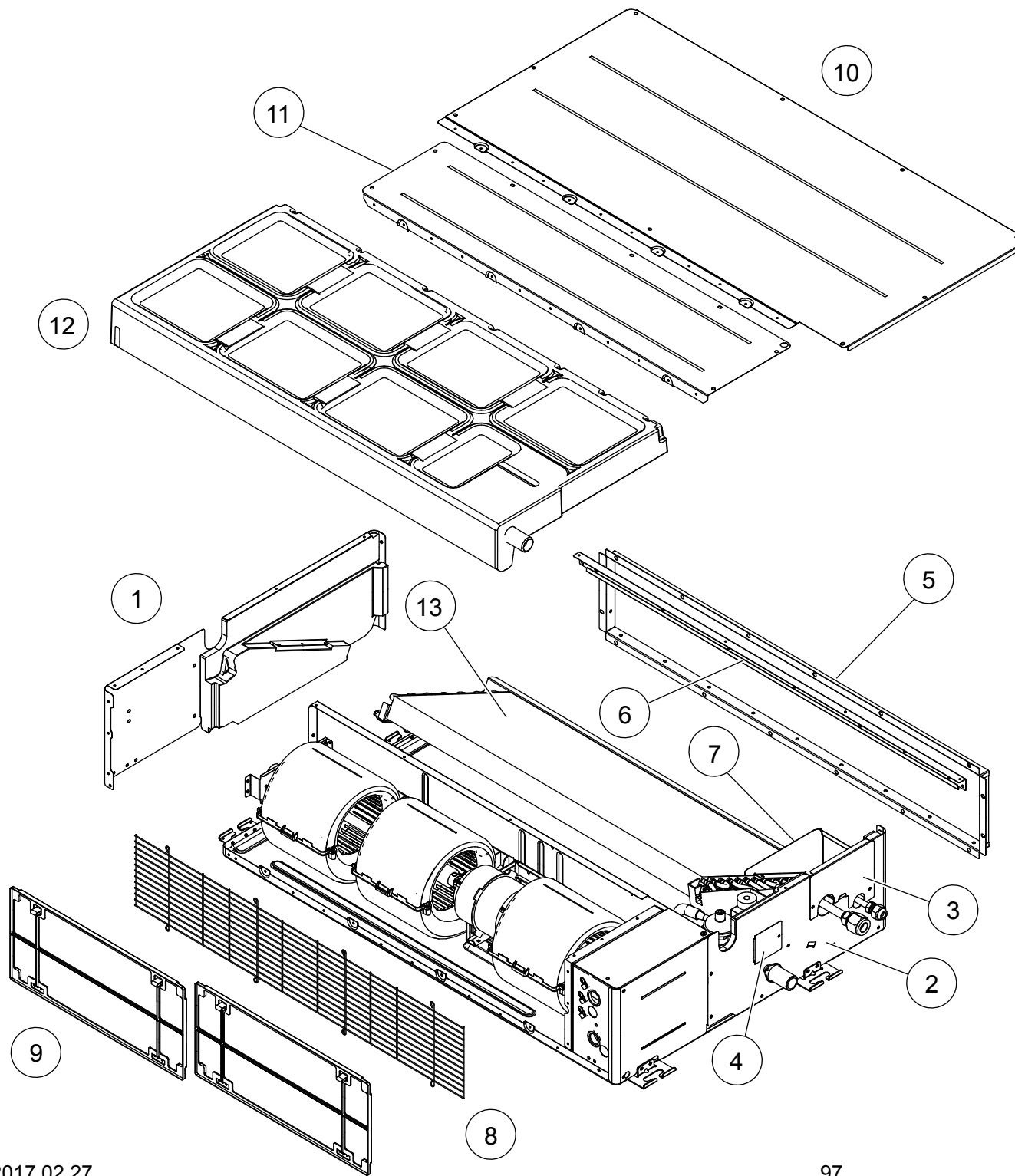
Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906012
2	Side Panel L Sub Assy	9379907019
3	Pipe Panel Sub Assy	9379900003
4	Panel (Window) Sub Assy	9379915007
5	Outlet Frame Assy	9380042006
6	Front Panel (2 Fan)	9380594000
7	Valve Cover Sub Assy	9379576017
8	Fan Guard (2 Fan)	9380589006
9	Air Filter	9379574006
10	Main Panel (2 Fan)	9380602019
11	Cabinet Panel (2 Fan)	9380597001
12	Drain Pan Sub Assy	9379901161
13	Evaporater Total Assy (07)	9380682080
13	Evaporater Total Assy (09,12)	9380682042
13	Evaporater Total Assy (14)	9380682059



INDOOR UNIT
 SLIM DUCT
 ARYG07LLTA
 ARYG09LLTA
 ARYG12LLTB
 ARYG14LLTB

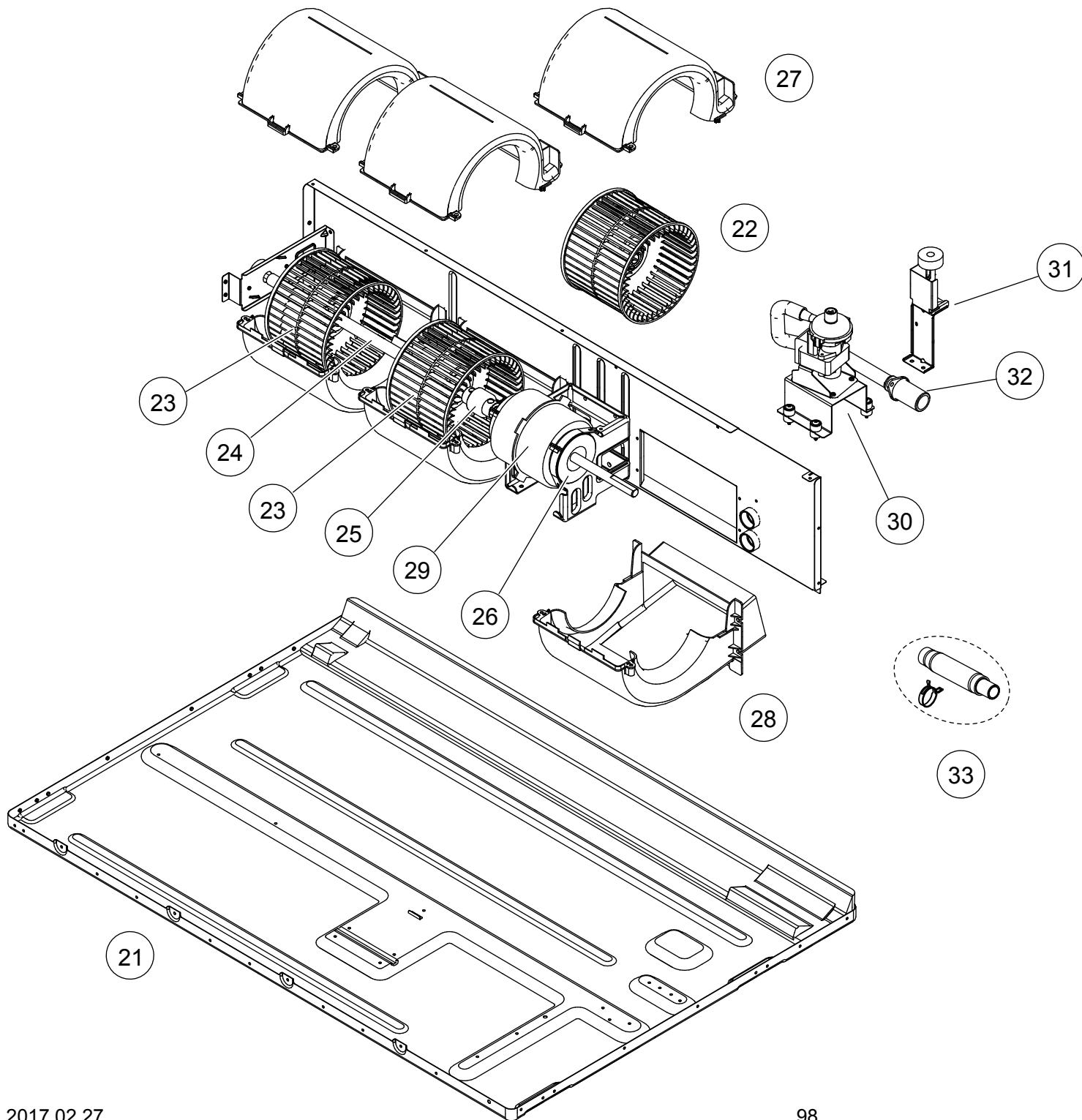
Ref	Description	Parts number
21	Top Panel Sub Assy	9379908030
22	Sirroco Fan Assy	9379570015
23	Rubber (Vibration Proof)	9379644006
24	Casing B	9379572019
25	Casing U	9379571012
26	Fan Motor Assy (07LLTA)	9603139018
26	Fan Motor Assy (09,12,14)	9603283018
27	Drain Pump Sub Assy	9379914055
28	Float Switch Sub Assy	9378593022
29	Drain Hose Assy	9379913003
30	Hose Sub Assy	9378450097

INDOOR UNIT
SLIM DUCT
ARYG18LLTB



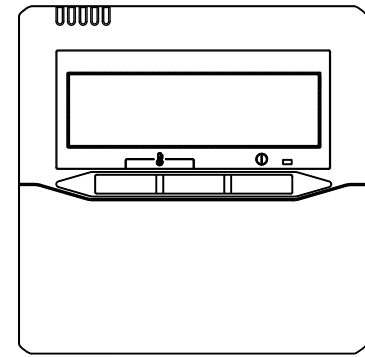
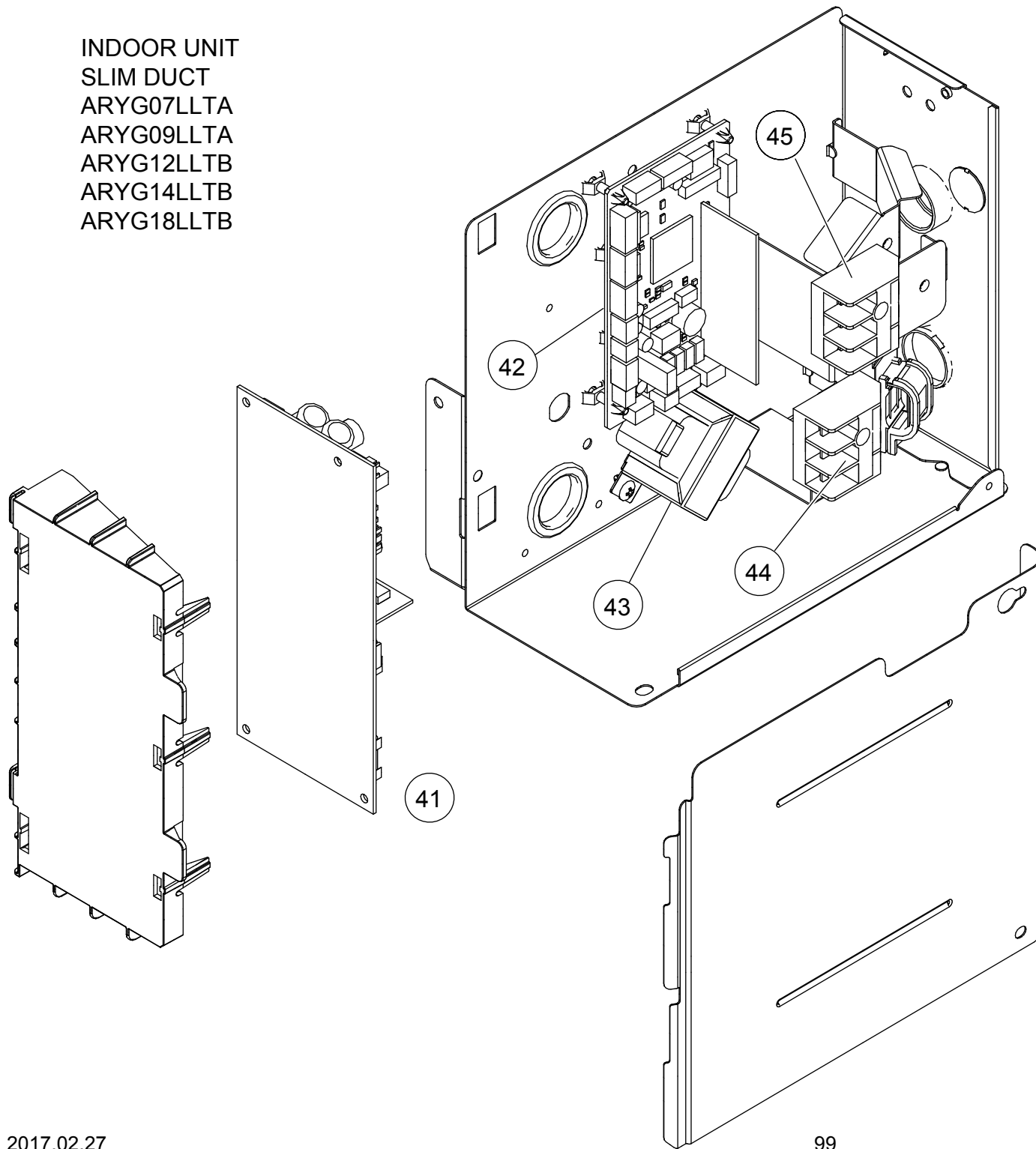
Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906012
2	Side Panel L Sub Assy	9379907019
3	Pipe Panel Sub Assy	9379900003
4	Panel (Window) Sub Assy	9379915007
5	Outlet Frame Assy	9380042013
6	Front Panel (3 Fan)	9380595007
7	Valve Cover Sub Assy	9379576017
8	Fan Guard (3 Fan)	9380590002
9	Air Filter	9379575003
10	Main Panel (3 Fan)	9380603016
11	Cabinet Panel (3 Fan)	9380598008
12	Drain Pan Sub Assy	9379901178
13	Evaporator Total Assy	9380682066

INDOOR UNIT
SLIM DUCT
ARYG18LLTB



Ref	Description	Parts number
21	Top Panel Sub Assy	9379908047
22	Sirroco Fan Assy	9379570022
23	Sirroco Fan Assy	9379570039
24	Shaft Assy	9381052004
25	Joint Assy	9378038011
26	Rubber (Vibration Proof)	9379644006
27	Casing B	9379572019
28	Casing U	9379571012
29	Fan Motor Assy	9603284015
30	Drain Pump Sub Assy	9379914055
31	Float Switch Sub Assy	9378593022
32	Drain Hose Assy	9379913003
33	Hose Sub Assy	9378450097

INDOOR UNIT
 SLIM DUCT
 ARYG07LLTA
 ARYG09LLTA
 ARYG12LLTB
 ARYG14LLTB
 ARYG18LLTB

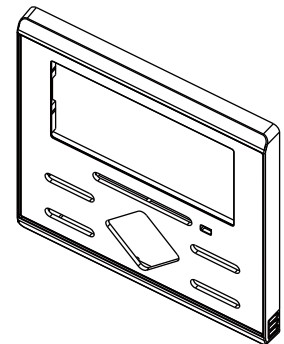
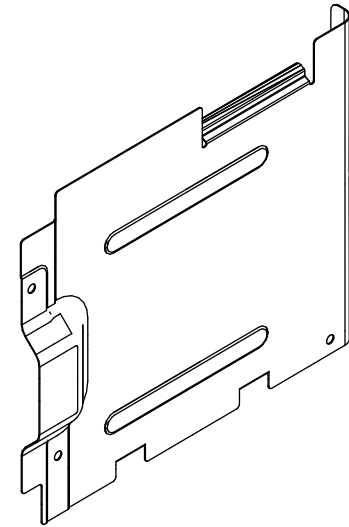
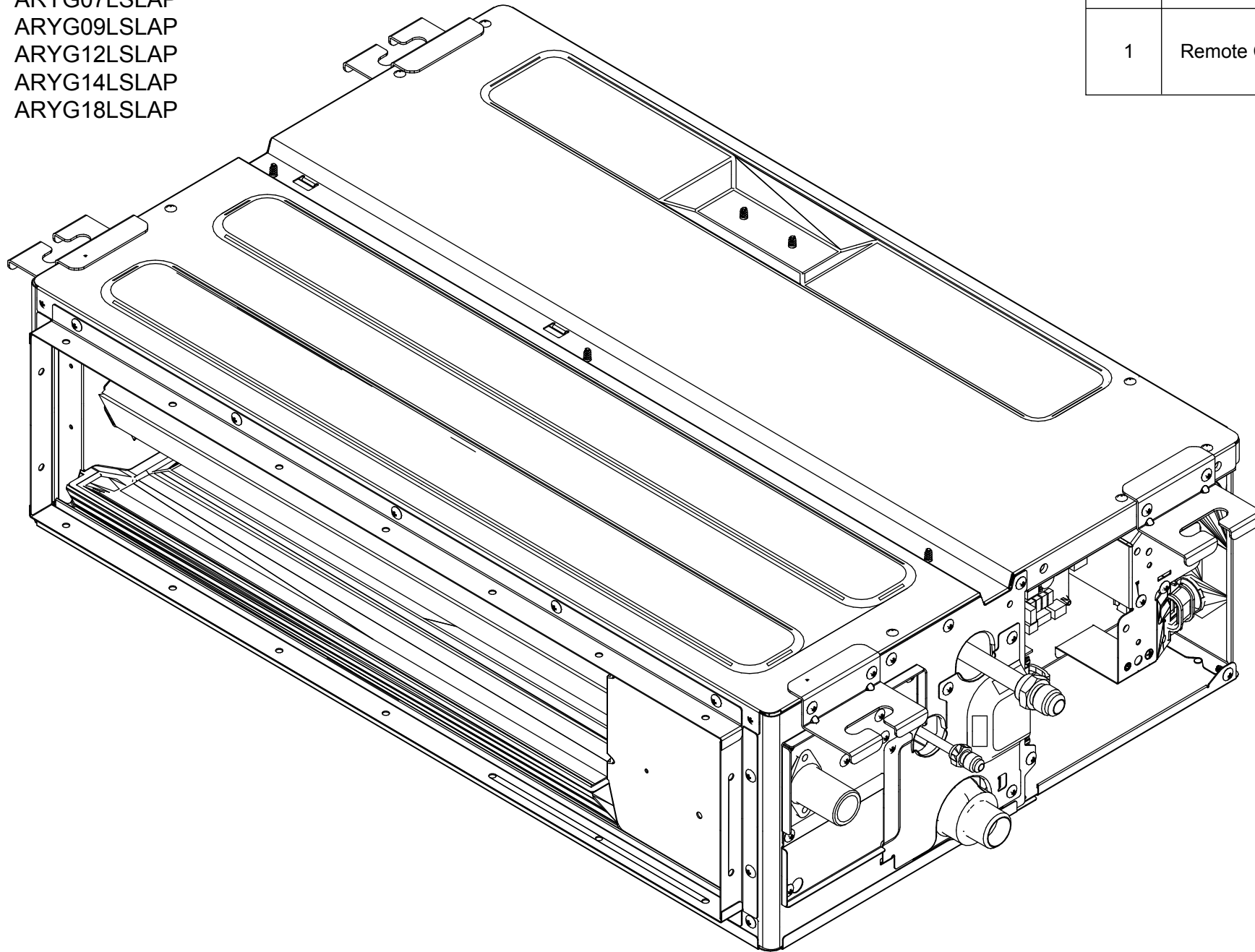


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Ref	Description	Parts number
41	Power Supply PCB	9707398267
42	Main PCB (ARYG07LLTA)	9710621178
42	Main PCB (ARYG12LLTA)	9710621185
42	Main PCB (ARYG12LLTB)	9710621192
42	Main PCB (ARYG14LLTB)	9710621208
42	Main PCB (ARYG18LLTB)	9710621215
43	Reactor Assy	9707457018
44	Terminal 3P	9306489045
45	Terminal 3P (Wired Remote)	9703345012
46	Remote Control	9318593013
--	Room Thermistor	9900653019
--	Pipe Thermistor	9900881016

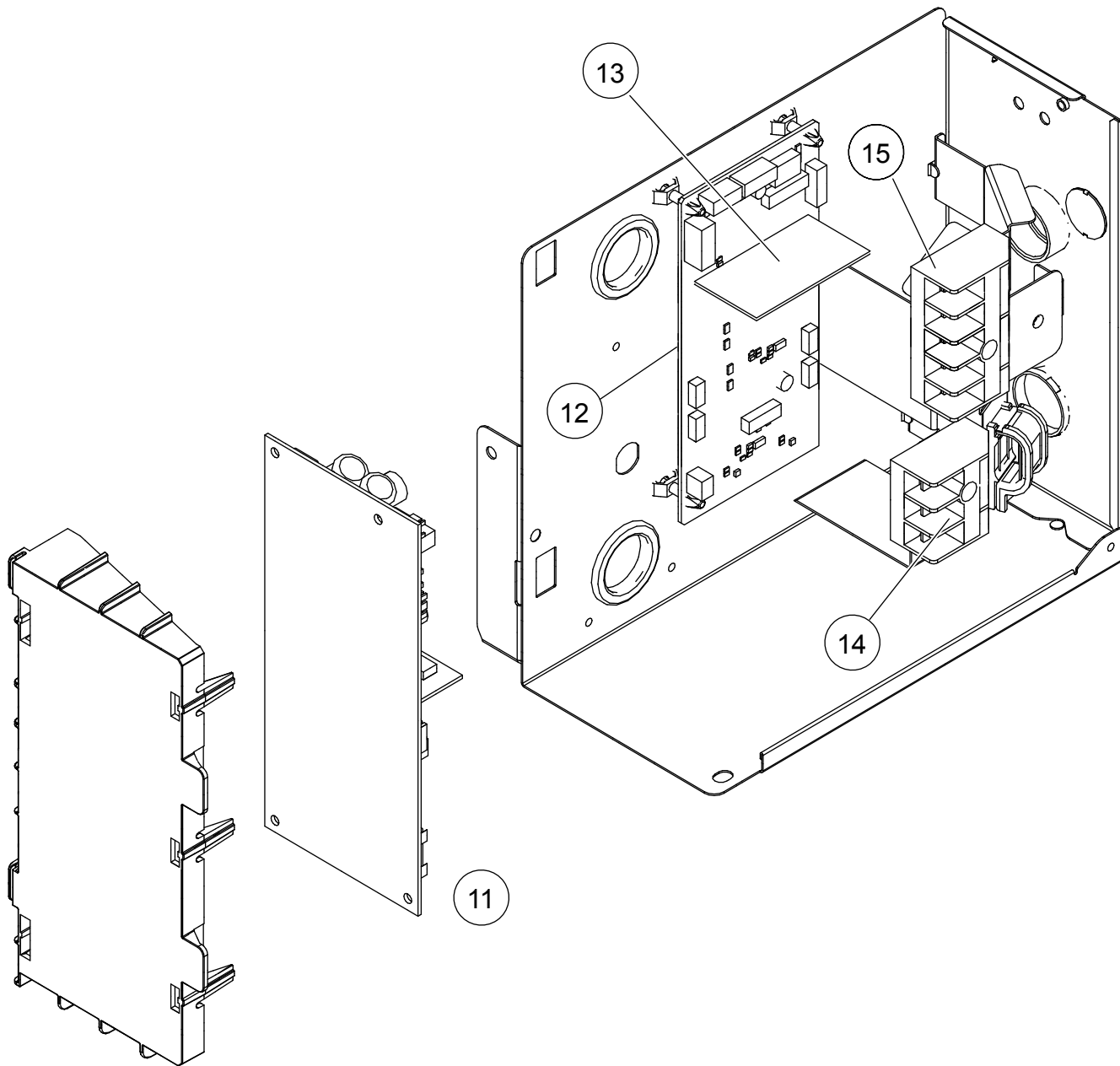
INDOOR UNIT
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 ARYG07LSLAP
 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP
 ARYG18LSLAP

Ref	Description	Parts number	
1	Remote Control	9381009039	



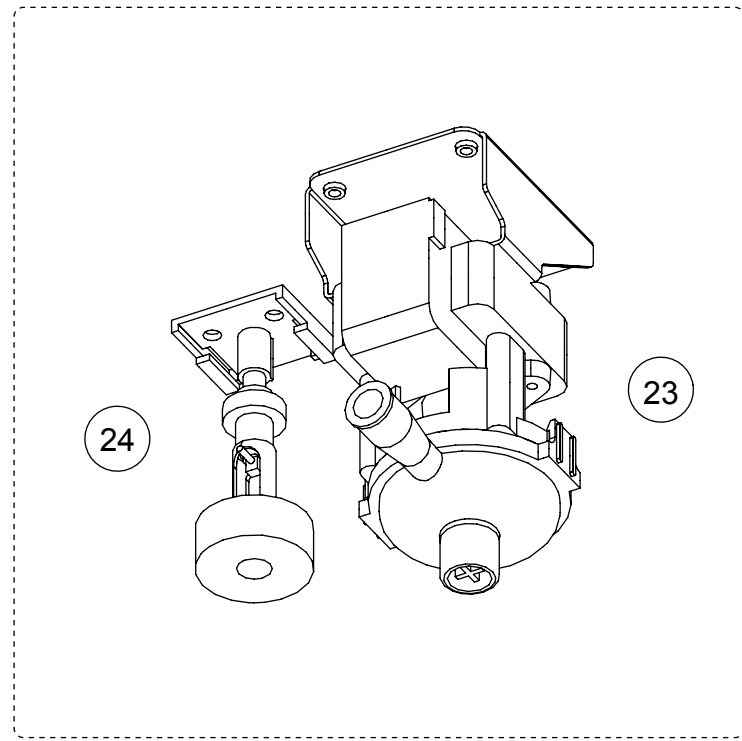
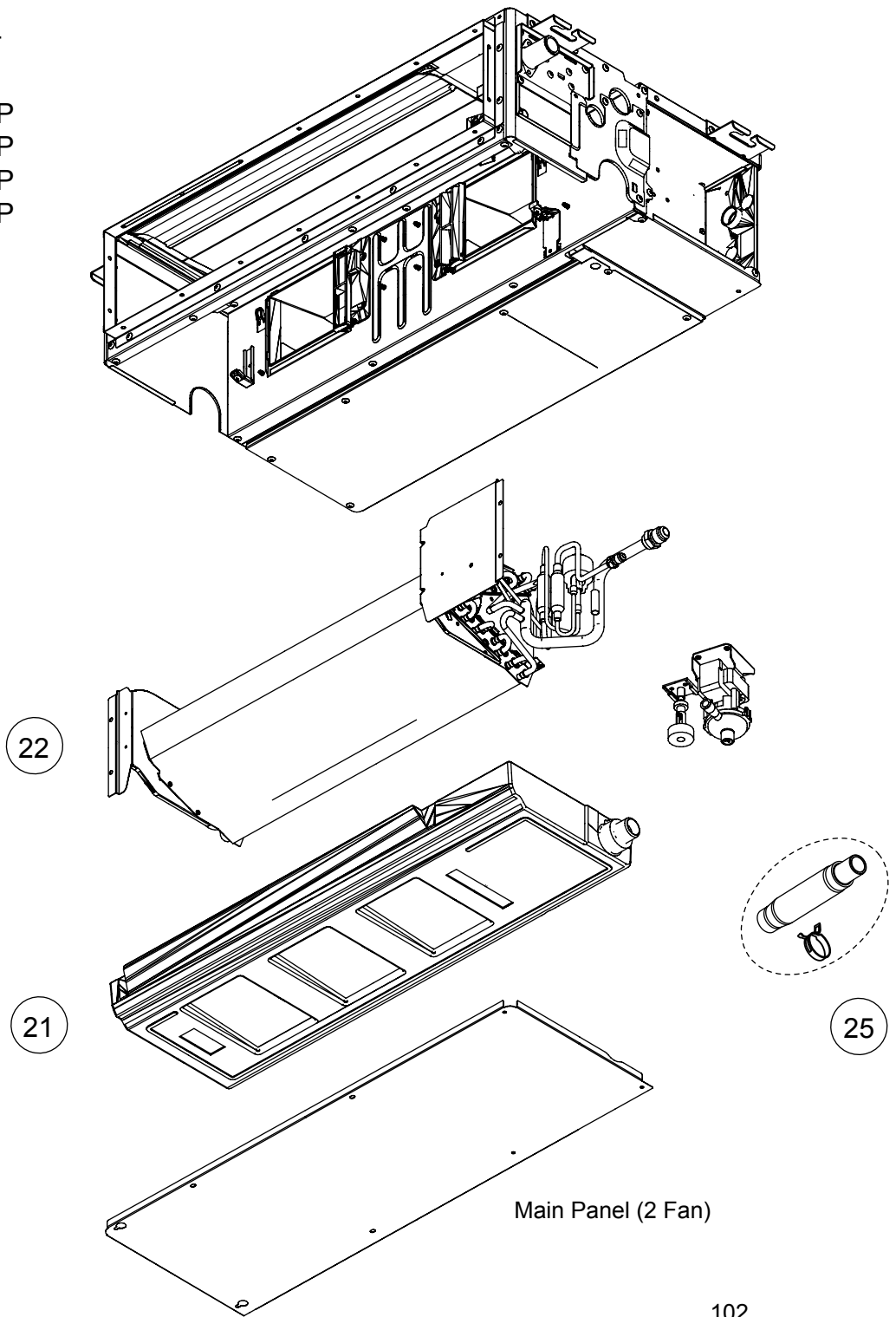
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INDOOR UNIT
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 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP
 ARYG18LSLAP

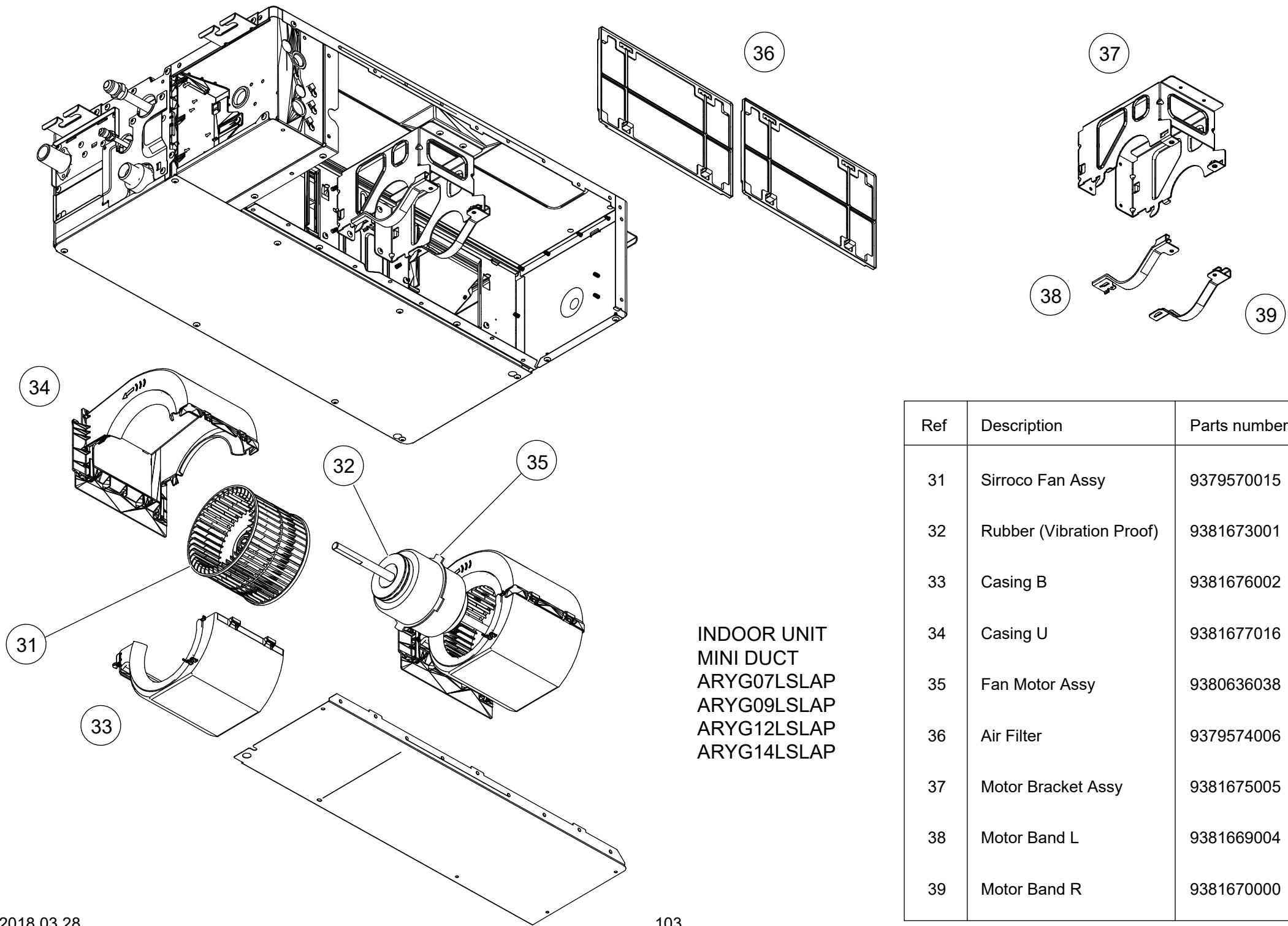


Ref	Description	Parts number
11	Power Supply PCB	9710661006
12	Main PCB (ARYG07LSLAP)	9710624001
12	Main PCB (ARYG09LSLAP)	9710624018
12	Main PCB (ARYG12LSLAP)	9710624025
12	Main PCB (ARYG14LSLAP)	9710624032
12	Main PCB (ARYG18LSLAP)	9710624049
13	2 way Remote PCB	9710019005
14	Terminal 3P	9900568009
15	Terminal 3P (Wired Remote)	9900896003
--	Room Thermistor	9900653033
--	Pipe Thermistor	9900942021

INDOOR UNIT
 MINI DUCT
 ARYG07LSLAP
 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP



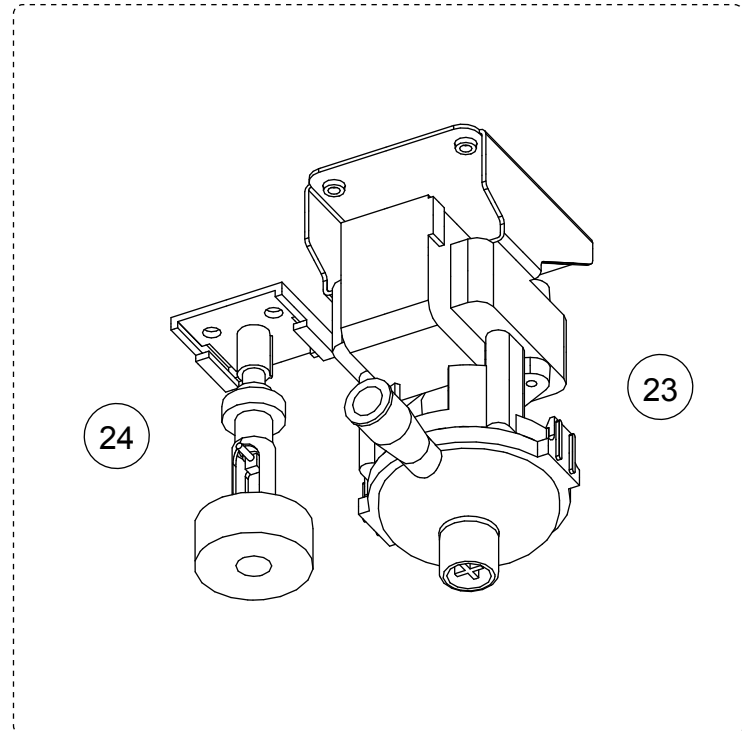
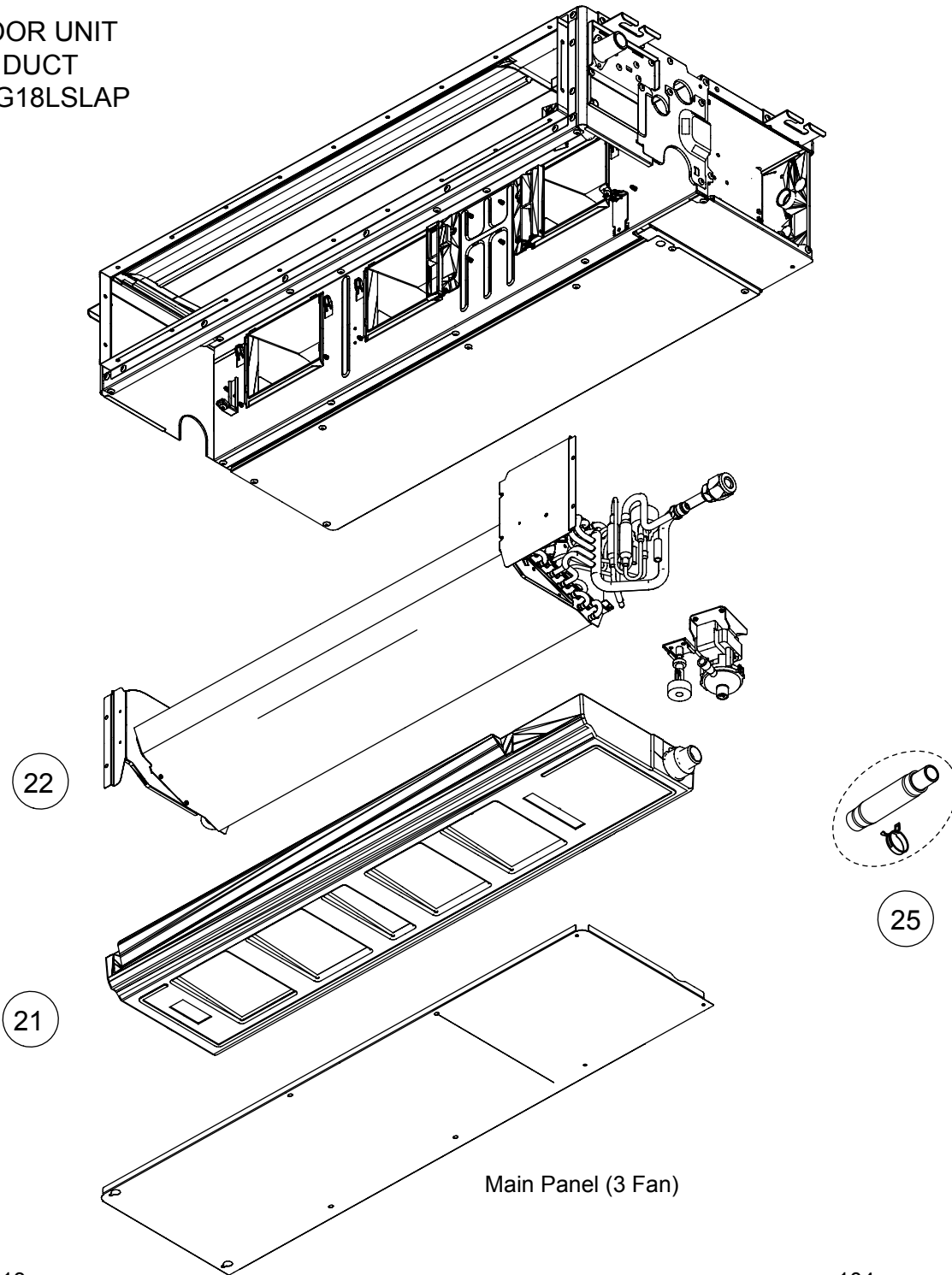
Ref	Description	Parts number
21	Drain Pan Sub Assy	9381930111
22	Evaporater Total Assy (07,09,12)	9381933105
22	Evaporater Total Assy (14)	9381933112
23	Pump Assy	9900472061
24	Float Switch	9900465063
25	Hose Sub Assy	9378450097



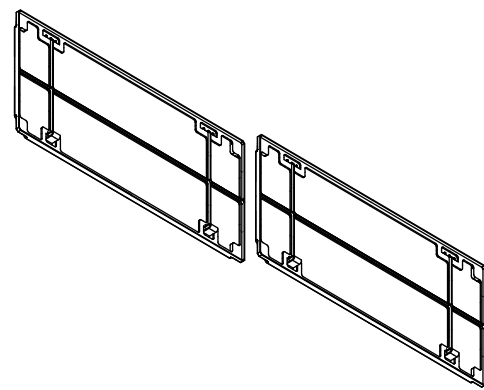
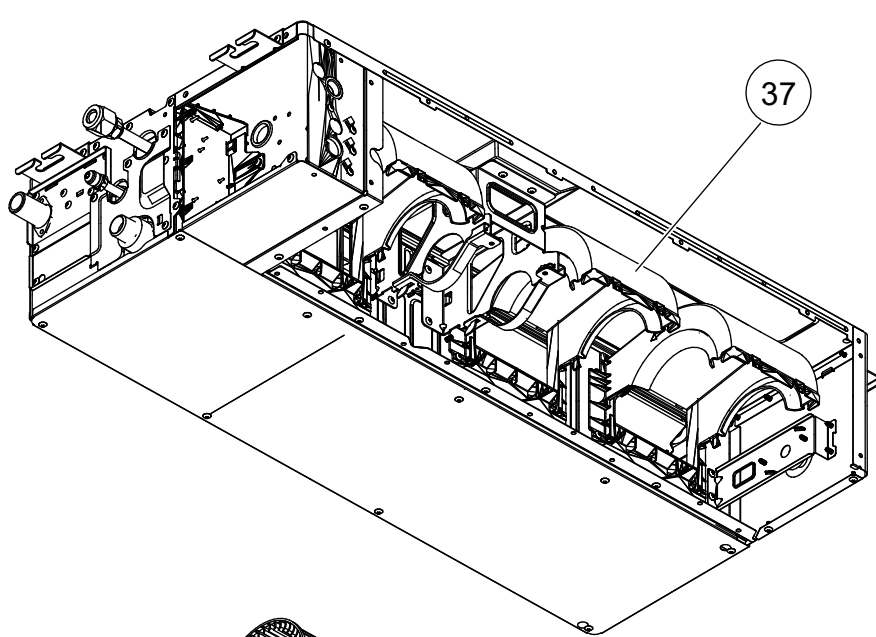
INDOOR UNIT
 MINI DUCT
 ARYG07LSLAP
 ARYG09LSLAP
 ARYG12LSLAP
 ARYG14LSLAP

Ref	Description	Parts number
31	Sirroco Fan Assy	9379570015
32	Rubber (Vibration Proof)	9381673001
33	Casing B	9381676002
34	Casing U	9381677016
35	Fan Motor Assy	9380636038
36	Air Filter	9379574006
37	Motor Bracket Assy	9381675005
38	Motor Band L	9381669004
39	Motor Band R	9381670000

INDOOR UNIT
 MINI DUCT
 ARYG18LSLAP

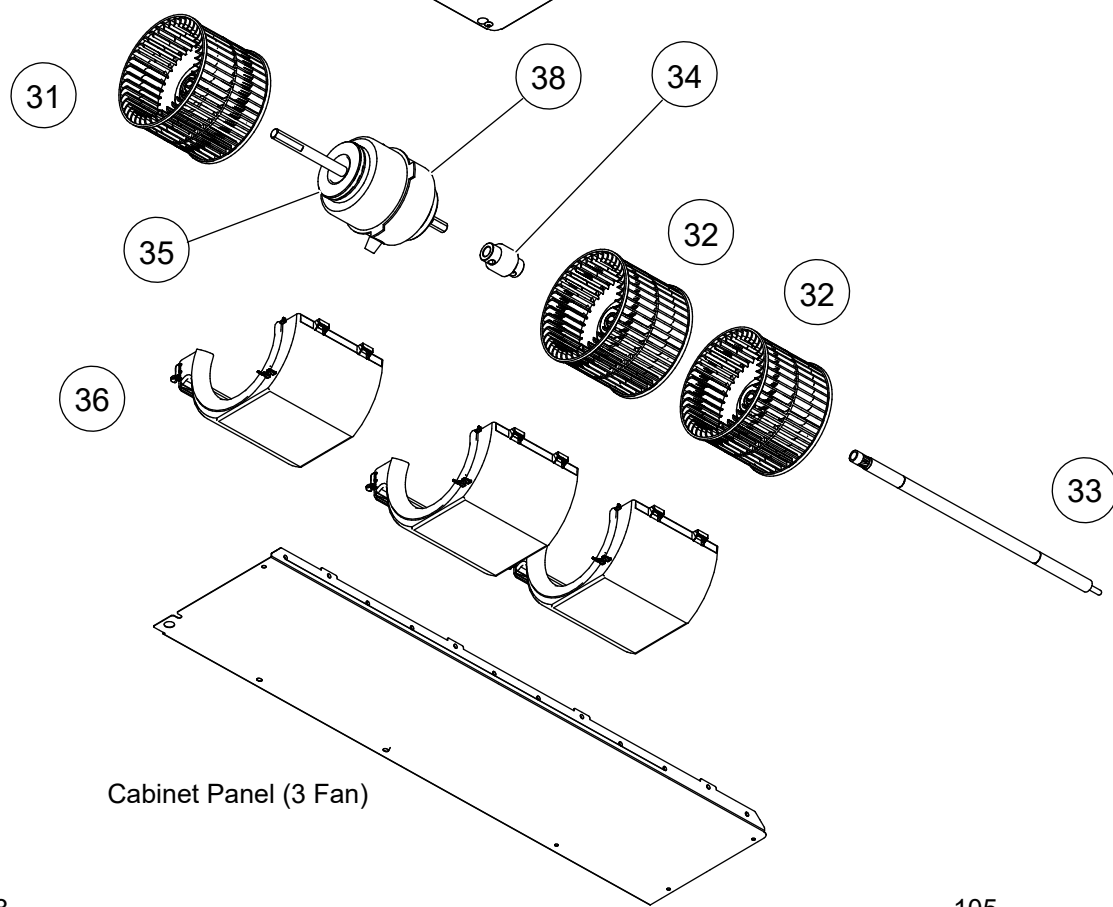


Ref	Description	Parts number
21	Drain Pan Sub Assy	9381930104
22	Evaporator Total Assy	9381933129
23	Pump Assy	9900472061
24	Float Switch	9900465063
25	Hose Sub Assy	9378450097



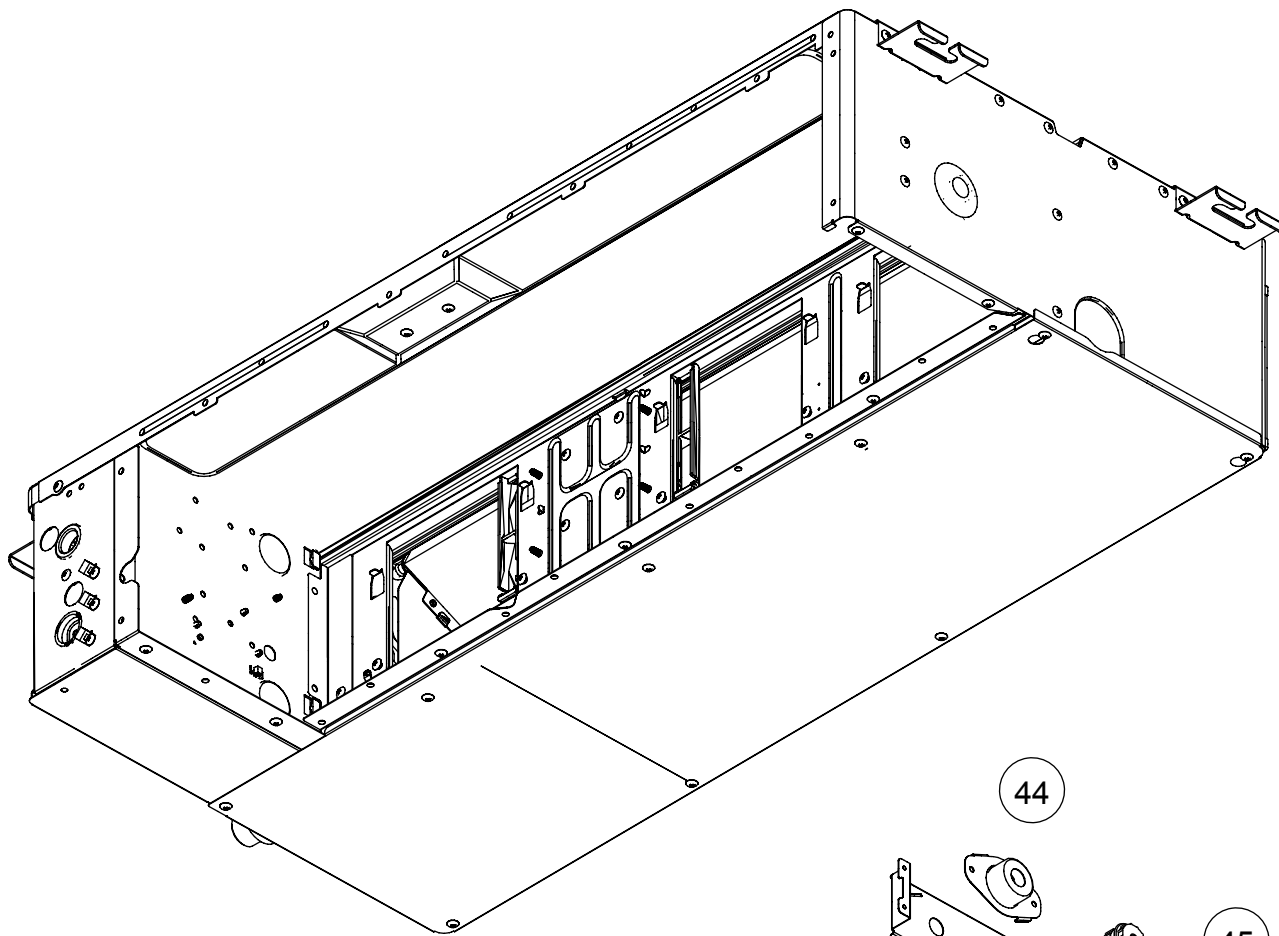
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INDOOR UNIT
MINI DUCT
ARYG18LSLAP

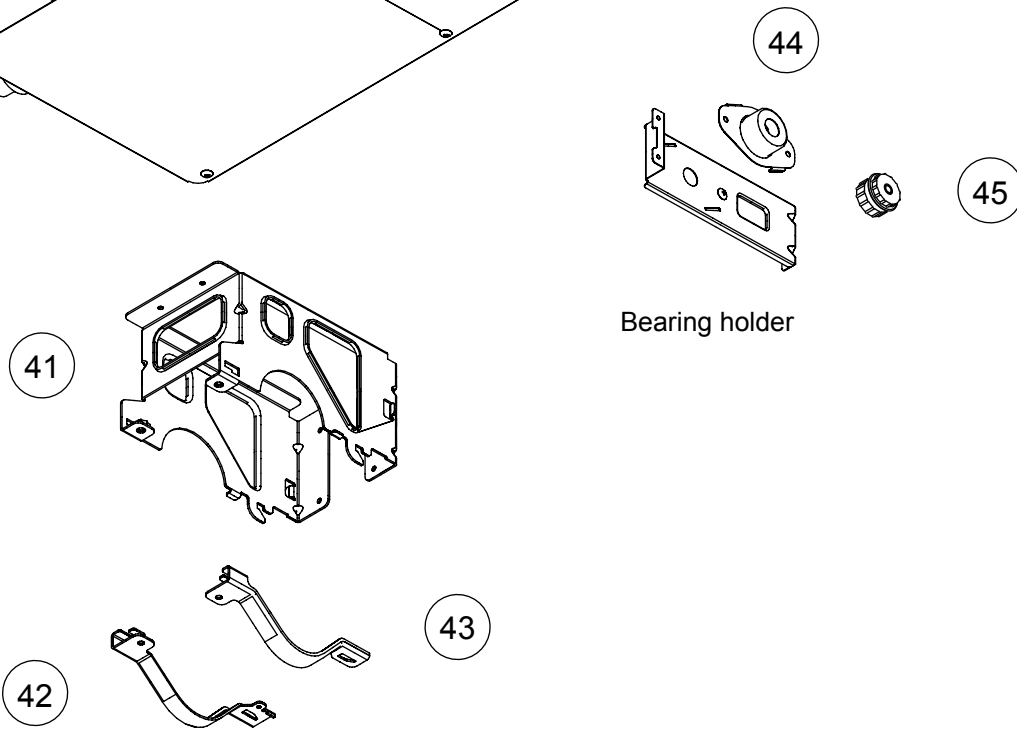


Cabinet Panel (3 Fan)

Ref	Description	Parts number
31	Sirroco Fan Assy	9379570022
32	Sirroco Fan Assy	9379570039
33	Shaft Assy	9381052004
34	Joint Assy	9378038011
35	Rubber (Vibration Proof)	9381673001
36	Casing B	9381676002
37	Casing U	9381677016
38	Fan Motor Assy	9379047128
39	Air Filter	9379575003



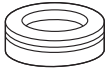
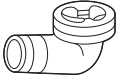
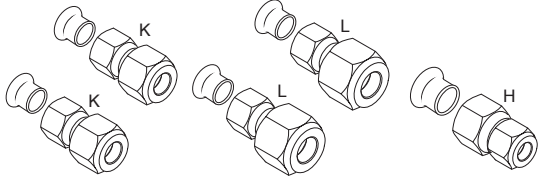
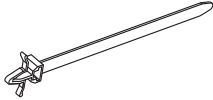


INDOOR UNIT
MINI DUCT
ARYG18LSLAP



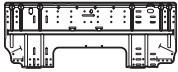

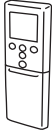

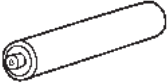




Ref	Description	Parts number
41	Motor Bracket Assy	9381675005
42	Motor Band L	9381669004
43	Motor Band R	9381670000
44	Bearing Bracket	9379615006
45	Bearing B Assy	9357921006

ACCESSORIES

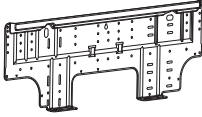









OUTDOOR UNIT
 AOYG36LBLA5
 AOYG45LBLA6

Name and shape	Q'ty	Application
Drain cap 	7	For outdoor unit drain piping work
Drain pipe 	1	
Adapter [in. (mm)] K: [1/2 (12.70) → 3/8 (9.52)] × 2 L: [1/2 (12.70) → 5/8 (15.88)] × 2 H: [3/8 (9.52) → 1/2 (12.70)] × 1 	1 set	Adapter is necessary in the connection of the indoor unit. For more information, refer to the installation manual included with the indoor unit.
Cable tie with clip 	Large: 2	For binding wire with connector (For conduit plate)
	Small: 2	For binding wire with connector
Cable tie 	1	For binding wire with connector
Grommet edging 	1	For Connection cable installation. Attach to the knockout hole.

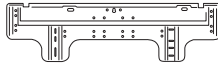
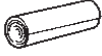


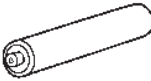




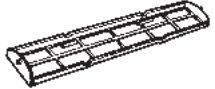
INDOOR UNIT
WALL MOUNTED
ASYG_LUCA

Name and Shape	Q'ty	Name and Shape	Q'ty
Wall hook bracket 	1	Cloth tape 	1
Remote control 	1	Tapping screw (big) 	5
Battery 	2	Tapping screw (small) 	2
Seal A  use when the diameter of gas pipe is Φ 12.70 or more	1	Air cleaning filter 	2
Remote control holder 	1		

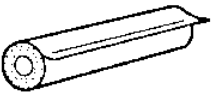
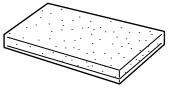
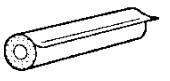





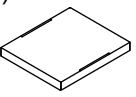

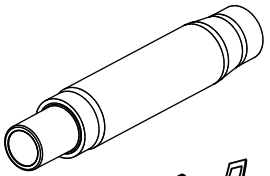



ASYG_LMCA, ASYG_LMCE

Name and Shape	Q'ty	Name and Shape	Q'ty
Wall hook bracket 	1	Cloth tape 	1
Remote control 	1	Tapping screw (M4 × 25 mm) 	5
Battery 	2	Tapping screw (M3 × 12 mm) 	2
Seal A  It is used when the diameter of gas pipe is Φ 12.70 or more. It is necessary when using AS14 or AS18.	1	Air cleaning filter 	2
Remote control holder 	1	Filter holders 	2

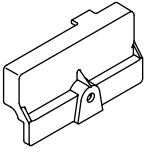
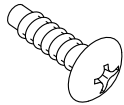
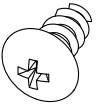
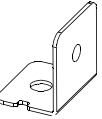
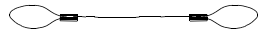
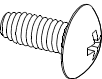
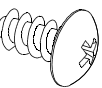
ASTG18LFCA, ASTG24LFC_

Name and Shape	Q'ty	Name and Shape	Q'ty
Wall hook bracket 	1	Cloth tape 	1
Remote control 	1	Tapping screw (M4 × 25 mm) 	8
Battery 	2	Tapping screw (M3 × 12 mm) 	2
Remote control holder 	1	Air cleaning filter 	2
Drain hose insulation 	1	Air cleaning filter frame 	2

**INDOOR UNIT
COMPACT CASSETTE
AUYG LVLA, AUYG LVLB**

Parts	Q'ty	Parts	Q'ty
Coupler heat insulation (Large)  For indoor side pipe joint (Gas pipe)	1	Drain hose insulation  For installing drain pipe	1
Coupler heat insulation (Small)  For indoor side pipe joint (Liquid pipe)	1	Remote control  For air conditioner operation	1
Special nut A (Large flange)  For installing indoor unit	4	Battery  For a remote control	2
Special nut B (Small flange)  For installing indoor unit	4	Remote control holder  For installing the remote control	1
Template (carton top)  For ceiling openings cutting Also used as packing	1	Tapping screw (M3 x 12mm)  For mounting the remote control holder	2
Drain hose  1	1	Cable tie  For electrical wiring	2
Hose band  1	1	Wire clamer  For electrical wiring	1

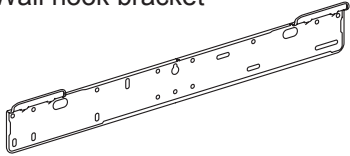
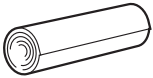
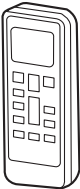
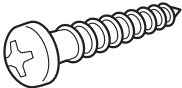
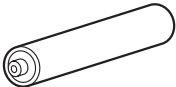

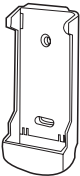
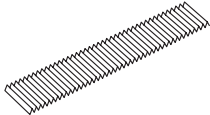
**DECORATION PANEL
UTG-UFYD-W**

Parts	Q'ty	Parts	Q'ty
Connector cover  For covering connector	1	Tapping screw (M5 x 12 mm)  For mounting decoration panel	4
Tapping Screw (M4 x 12 mm)  For mounting connector cover	1	L angle  For mounting a hook wire to a decoration panel	2
Hook wire  For suspending a decoration panel	2	Screw [pitch small] (M4 x 10 mm)  For mounting a hook wire (for metals)	2
Screw [pitch large] (M4 x 10 mm)  For mounting an L angle and hook wire (for resins)	4		

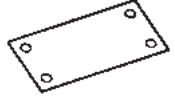
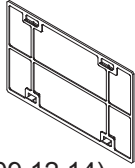

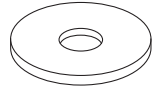
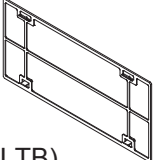


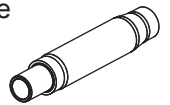



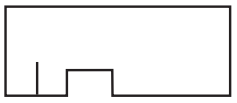


INDOOR UNIT
FLOOR / CEILING
ABYG14LVTA, ABYG18LVTB

Name and Shape	Q'ty	Name and Shape	Q'ty	Name and Shape	Q'ty	Name and Shape	Q'ty
Cover plate (left) 	1	Special nut 	4	Cable tie (small) 	2	Remote control 	1
Cover plate (right) 	1	For suspending the indoor unit from ceiling		For electrical wiring		Battery 	2
Screw (M4 × 10 mm) 	2	Wall bracket 	2	Wire clammer 	1	For remote control	
		For suspending the indoor unit on the wall		For electrical wiring		Remote control holder 	1
		Screw (M4 × 20 mm) 	6	Drain hose 	1	Screw (M3 × 12 mm) 	2
		For fixing the wall bracket		Hose band 	1	For remote control holder installation	
Installation template 	1	Coupler heat insulator (large) 	1	For installing drain hose			
Positioning for under ceiling type		For indoor side pipe joint(Large pipe)		Insulation (drain hose) 	1		
Bracket (left) 	1	Coupler heat insulator (small) 	1	Adhesive type 100 x 220 mm			
For suspending an indoor unit from ceiling		For indoor side pipe joint (Small pipe)		VT wire 	1		
Bracket (right) 	1	Cable tie (large) 	1	For fixing a drain hose L 280 mm			
For suspending an indoor unit from ceiling		For fixing a drain hose					

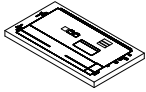





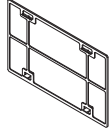
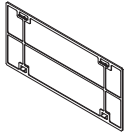



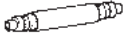

INDOOR UNIT
AGYG_LVCA

Name and Shape	Q'ty	Name and Shape	Q'ty
Wall hook bracket 	1	Cloth tape 	1
Remote control 	1	Tapping screw (M4 × 25 mm) 	9
Battery 	2	Tapping screw (M3 × 12 mm) 	2
Remote control holder 	1	Air cleaning filter 	2

INDOOR UNIT
SLIM DUCT
ARYG_LLTA, ARYG_LLTB

Parts	Q'ty	Parts	Q'ty	Parts	Q'ty
Installation template  For positioning an indoor unit	1	Filter (Small)  (ARYG07,09,12,14)	2	Remote control cable 	1
Washer  For installing indoor unit	8	Filter (Large)  (ARYG18LLTB)	2	Screw (M4 x 16 mm) 	2
Coupler heat insulation (large) For indoor side pipe joint (large pipe) 	1	Drain hose  For installing drain pipe VP25 (O.D.32, I.D.26)	1		
Coupler heat insulation (small) For indoor side pipe joint (small pipe) 	1	Hose band  For installing drain hose	1		
Binder (small)  For power supply and transmission and remote control cable binding.	3	Drain hose insulation B  Insulates the drain hose	1		
Binder (large)  For fixing the coupler heat insulation.	4	Remote control 	1		

INDOOR UNIT
MINI DUCT
ARYG__LSLAP

Name and Shape	Q'ty	Description
Template (Carton top) 	1	For ceiling openings cutting Also used as packing
Washer 	8	For suspending the indoor unit from ceiling
Coupler heat insulation (large) 	1	For indoor side pipe joint (gas pipe)
Coupler heat insulation (small) 	1	For indoor side pipe joint (liquid pipe)
Cable tie (large) 	4	For fixing the heat insulation
Cable tie (medium) 	2	For fixing the remote control cable
Filter (Small) 	2 (AR07/09/ 12/14)	
Filter (Big) 	2 (AR18)	
Wired remote controller (2-wire type) 	1	For air conditioner operation
Remote controller accessories 	1 set	See installation manual for remote controller
Drain hose insulation B 	1	Insulates the drain hose and vinyl hose
Drain hose 	1	For installing drain pipe VP25 (O.D.32, I.D.25)
Hose Band 	1	For installing drain hose

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